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INTERFACE REQUIREMENTS OF THE PERSONNEL AND
LOGISTICS SUBSYSTEMS OF THE AIR FORCE
COMPONENT COMMAND POST



October 1971

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SECTION 1 INTRODUCTION

1.1 GENERAL

This report presents the results of the analysis effort necessary to identify and describe the total and Operations Staff interfaces of the Personnel and Logistics subsystems of the post-1975 Air Force Component Command Post (AFCCP). This report extends and supplements the first report submitted under this study program concerning the Functional Analysis of the Personnel and Materiel staffs [Deputy for Materiel (D/M) and Deputy for Personnel (D/P)]. Since limited experience and doctrinal guidance are available on the details of the AFCCP employed in the medium to low-level conflict situation, the analysis effort has identified the functions and interfaces of the D/M and D/P staffs by examination of the Major Commands (MAJCOMs), Numbered Air Forces (NAFs), and the operations of tactical units at the Wing level in the CONUS.

The principal guidance for this effort was Tactical Air Command Manual (TACM) 55-45 'AFCCP and TACC Operations' and extensive interviews with Operations, Personnel and Materiel staffs of the Tactical Air Command (TAC). Extensive use was also made of Air Force publications describing logistics and personnel activities required for the identification of requirements, acquisition of needs, distribution of resources and maintenance of their effectiveness. Identification of the management role of the D/M and D/P staffs in supporting the attainment of the objectives of the Commander of the deployed Air Force Forces (AFFOR) through the direct interaction of these staffs with Operations has been used to define the information flow across these interfaces. This interface definition effort, coupled with the functional requirements analysis, forms the basis for the analysis of current and projected problem areas to be addressed in the next report under this program.

1.2 PURPOSE AND SCOPE

The purpose of this report is to document the results of an analysis and definition of the Personnel and Logistics Subsystem (PLSS) data base and data interface specifications for supporting a deployed AFFOR component. Data base files required by both the personnel and logistics subsystems are defined, and sized. The message traffic and catalog development has been defined to directly support both the PLSS data bases as well as the data bases of the interfacing Continental United States (CONUS) and deployed tactical Air Force and Joint Force units. The data base and data interface specifications and supporting analysis data will provide the baseline required to achieve the objectives of this study contract. This study included only

the data base and data interface requirements generated based on a limited war combat model. PLSS requirements were derived from a situation which included combat and combat support activities and events once the AFFOR elements were deployed and operational. Those deployed force configurations and levels so defined in the first report with the appropriate scenario descriptions are included in Section 2 of this report.

1.3 REVIEW OF STATEMENT OF WORK TASKS

This report documents the results of analytical efforts performed under tasks 3, 4, 9 and 10 as specified in the Statement of Work. Tasks 3 and 9 specify that the flow of current status and operations information between the personnel and logistics subsystems to the Tactical Air Control Center (TACC) shall be determined. Task 4 and 10 specify that the information flow and supporting message specifications between the personnel and logistics support subsystems and all other non TACC staffs, agencies and elements shall be defined. In addition, tasks 3 and 9 specify that the specification of the message requirements shall include the impact of the minimum, medium and maximum deployments force levels as specified in TACM 55-45.

Task outputs have the following types of results:

- a. Data base file description for both the personnel and logistics support subsystems.
- b. Details of all personnel and logistics subsystems information flows within the deployed environment and between the subsystems and the CONUS based commands or agencies.
- c. Detailed specifications of the personnel and logistics subsystems, the TACC and all other non TACC interfaces in terms of functional performance and technical specifications.
- d. Technical (communications) detailed specifications from an operational baseline of the communications media rate and requirements for each interface.

1.4 ORGANIZATION OF REPORT

This report is organized into four major sections which describe the personnel and logistics subsystems interfaces, their data base files and the message interface specifications. All of Section 1 is basically introductory material which ties this report to the previous functional analysis report and to the subsequent problem definition and recommended solution tasks. Section 2 briefly sets forth an overview of the method used in performing the data base and information

specifications analysis and the basic assumptions which were used. The assumed force organization, size and activity levels are included in 2.3. The situation baseline details necessary to describe the deployed force and its activity levels are included to the extent required to determine both the data base file sizes and the message traffic capacities. The analysis procedure as described in 2.4 provides a more detailed definition of the steps taken in this study effort.

Section 3 presents the detailed analysis for the development of the personnel and logistics subsystem data base files and for the development of the message traffic. The step by step development process in formulating the personnel and logistics subsystem message catalog is defined and included in 3.2.1. The input and output message requirements are further subdivided into status and operations type messages; status messages are required to create and maintain both the

personnel and logistics subsystem files as well as those of the interfacing force elements. The effects of force levels are then defined in terms of message traffic relative to basic communication requirements.

Section 4 presents the conclusions of the study effort relative to the data interface specifications. This is followed by a discussion of the impact of the post-1975 AFCCP environment on the personnel and logistics subsystems concepts of operation. Appendix I of this report contains the personnel and logistics subsystems message catalog. Included in this catalog is a discussion of the codes and conventions used in the development and description of each discrete message. The catalog lists messages into and out of the D/P and the D/M staffs at the Air Force Component Command Post (AFCCP).

SECTION 2 APPROACH

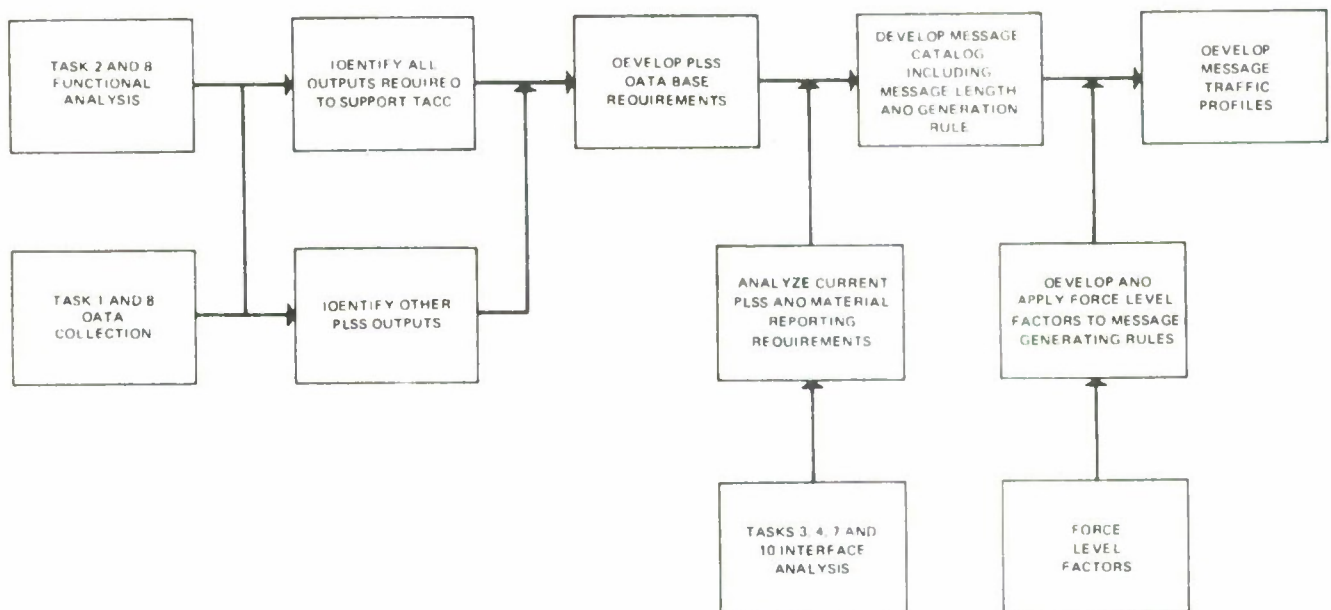
2.1 OVERVIEW OF METHODOLOGY

Figure 2.1-1 illustrates the procedure used to develop message traffic profiles that quantitatively establish the interface requirements. Consideration of the Post-1975 communications environment yields the technical interface parameters.

The primary inputs to the interface analysis tasks were the results of the PLSS functional analysis tasks, the data collection visits and interviews, and inputs from USAF Regulations and Manuals. The functional requirements developed by the Functional Analysis identified the activities required to support operations and conduct personnel and logistics management. These functions and activities implied information requirements which were then organized generally into data base file structures. The information content of the data base then was used to identify the messages required to create and maintain the data base. In addition to data base derived messages, those messages required by current reporting procedures were analyzed, and their applicability to satisfy the data base requirement was assessed. In this step, the emphasis was on reports generated at the wing/base level. The

basic message list developed in this manner was augmented as required to develop a complete list of messages which convey information for all data items in the data base.

The message catalog contains a detailed definition of all input and output messages of the PLSS. The messages were related to both the functional requirements and current message formats. For each message, the frequency of transmission, message length and generating rule were developed. The generating rules were developed in such a way that force level effects on message rates could be applied. An example of a rule would be 'one report per day per Tactical Unit Operations Center.' In this case, force level effects would be applied by multiplying the unit reporting rate (one per day) by the number of Tactical Unit Operations Centers for each force level. The output of such calculations, summed over the message catalog provided the traffic volume. Interface performance parameters were developed from an analysis of the post-1975 communications environment considerations in conjunction with the data base currency requirements developed from the functional analysis.



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Figure 2.1-1. Interface Analysis Methodology

2.2 ASSUMPTIONS

The basic assumptions inherent in the interface analysis tasks relate to the (1) operational capability of the deployed forces, (2) the capability of the operational command and control systems, (3) the degree of automation of the interfacing personnel and logistics subsystems, and (4) the extent to which digital communications is used in the employment environment.

Some of the governing factors assumed in the analysis are:

- a. The AFFOR is deployed outside the CONUS on a contingency deployment greater than ten days, but less than six months. This assumed deployment will thus exercise WRS Kits, but preclude Permanent Change of Station (PCS) action for AFFOR personnel.
- b. The operations command and control system has the capability to plan and direct redeployment within the objective area in time periods of a few hours.
- c. The sophisticated equipment in the post-1975 deployed forces will contain 'low density' resources at dispersed locations requiring specialized spares and skilled operations and maintenance personnel (e.g., computers, sensors, munitions, etc.). Low density means that the resource is not widely provisioned and is inclined to require unique spares, tools and skills for its use and repair. Spares and skilled personnel will be in limited supply; War Readiness Kits and War Readiness Spares Kits will be utilized.
- d. The capability provided in the post-1975 Automated TACC will be used to conduct more detailed and comprehensive mission planning and adjustments, thereby requiring more timely and complete status information.

The assumptions related to the degree of automation of the interfacing personnel and logistics subsystems are not as evident as those relating to operations. It is assumed that in the CONUS and in the major theater commands personnel and logistics functions at the Wing Base level will continue to be supported by electronic data processing systems. Likewise, personnel and logistics readiness centers at HQ USAF and Major Commands will be automated and will be capable of interfacing with the automated CONUS Wing/Base units and lateral and higher echelon units.

The need to provide electronic data processing facilities to support the personnel and materiel operations of deployed forces has been asserted by the Joint Logistics Review Board in their draft report on Southeast Asia operations. While the requirement for electronic data processing in support of personnel and materiel operations is recognized, and the eventual provision of such facilities is highly probable, the

availability of electronic data processing facilities in a deployed force conducting contingency operations to support personnel and materiel operations is not assumed.

It is assumed that the materiel and personnel elements at deployed sites will have the capability of providing the AFCCP personnel and materiel staffs with the information conveyed by the reports currently submitted by CONUS units. Further the capability will exist to provide the AFCCP staff with those source data reports that are currently submitted by the operating units on a base and used to generate the summary reports.

With reference to Communications, the availability of digital communications between the principal airbases in a contingency operation and the AFCCP location is assumed. Included in this assumption is the capability of a Tactical Unit (TU) to employ digital facilities for transmission of status data to the AFCCP Personnel and Materiel Staffs.

2.3 FORCE SIZE AND ACTIVITY LEVELS

Data base sizing factors and message generating rules were developed in such a way that the effects of the different force levels expressed as numbers of deployed units as given in TACM 55-45 could be easily applied. Typical composition of deployed AFFOR of minimum, medium, and maximum size are shown in Table 2.3-1.

The factors governing the size of the data base were basically the number of reporting elements, the number of items reported on, and the complexity of information recorded. To facilitate sizing, assumptions on record size were based upon the number of TUs or squadrons at air base Tactical Unit Operations Centers at the several force levels. For example, one Wing per Air Base was assumed with, in the case of fighters, four Fighter Squadrons per Wing. Separate search-and-rescue or aerial refueling squadrons were assumed to be attached to the host wing Tactical Unit Operations Center (TUOC) at the air base.

Message rates were developed initially from consideration of the data base files currency requirements and from operational requirements. These were used to establish a reporting rate or frequency per day, week, or month. Reporting units were related to the number of TUOCs or deployed squadrons or other units and the message rates associated with appropriate TUs, so that force level effects could be calculated. In the calculation of the message densities in Section 3 of this report the factors in Table 2.3-1 were augmented with the following:

Table 2.3-1. Typical Deployed Force Compositions

Unit	Number of Elements, Deployed		
	Minimum Force	Medium Force	Maximum Force
Joint Force Headquarters	1	1	1
Supported Army Element	1 Division	1 Corps (3 Divisions)	1 Field Army (2 Corps)
AI CCP	1	1	1
Tactical Fighter Wings		2	4
Tactical Fighter	3	8	16
Recce Flight/Squadron	1 Comp Flight	1 Squadron	2 Squadrons
Tanker Flight/Squadron	1 Flight	1 Squadron	2 Squadrons
Airlift Wings		2	3
Airlift Squadron	2	6	9
Mobile Comp Element/Group	1	1	1
Aerial Port Squadron/Group	1 Squadron	2 Squadrons	1 Group
Tactical Control Squadron Group	1 Squadron	2 Squadrons	1 Group
Tactical Air Support Squadron/Group	1 Squadron	2 Squadrons	1 Group
Mobile Communications Squadron/Group	1 Squadron	2 Squadrons	1 Group (3 Squadrons)
TACC	1	1	1
CRC	1	1	1
CRP	0	1	2
SRP	1	1	1
FACP	2	3	4
ASRT	2	3	4
ALCLs	2	6	14
CCTs	1	2	3
DASCs	1	1	2
TACPs	*	*	*

*As required.

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a. *Tactical aircraft:*

- (1) Minimum force - 109.
- (2) Medium force - 288.
- (3) Maximum force - 522.

b. *Sortie Rate 1.2:*

- (1) Minimum force - 130 available/day.
- (2) Medium force - 346 available/day.
- (3) Maximum force - 626 available/day.

c. *Mission/Sortie relationship:*

- (1) Fighters - 4 sorties/mission average.
- (2) Recce - 1 sortie/mission.
- (3) Airlift - 10 sorties/mission by 1 aircraft.

d. *Special Missions - 10/day.*e. *Loss/damage rate - 2 percent force/day:*

- (1) Loss - 1 percent.
- (2) Damage - 1 percent.

f. *Tactical Air 'units' (or Squadrons):*

- (1) Minimum force - 7.
- (2) Medium force - 16.
- (3) Maximum force - 29.

g. *TACS elements:*

- (1) Minimum force - 5.
- (2) Medium force - 7.
- (3) Maximum force - 10.

h. *Tactical Wings:*

- (1) Minimum - 2.
- (2) Medium - 4.
- (3) Maximum - 7.

i. *Air bases:*

- (1) Minimum - 2.
- (2) Medium - 4.
- (3) Maximum - 7.

2.4 ANALYSIS PROCEDURE

To apply the Analysis Methodology a message catalog was developed to accumulate and organize data as it was generated. Figure 2.4-1 shows the data accumulated for each message established as either an input or an output message to the PLSS. This section describes

briefly how the data in the catalog were accumulated while Section 3 explains the development in more detail.

Step one of the analysis consisted of an analysis of the personnel and materiel reporting requirements as established by current Air Force manuals, regulations and standing operating procedures. The output of this step was principally a list of reports currently submitted by the Wing/Base units to higher Air Force echelons. It was assumed that any or all of these reports could be submitted to the AFCCP. A report was included in the message catalog if the functional analysis showed that the data were required by the AFCCP personnel or materiel staff. Other appropriate data on these messages were then recorded.

Step two of the analysis consisted of correlating the messages thus developed with the requirements to create and maintain the PLSS data base. Where data requirements were identified and the messages required to provide these data had not been identified, messages were defined by the study team to convey the necessary information. Defined messages used formats that paralleled similar reports identified in the other information areas. In this manner, a complete catalog of messages required to maintain the status and operations data base files was developed. Data currency requirements were used to develop message generating rules which in turn were used to calculate message rates at the three specified force levels. Specific assumptions are contained in 3.2.4.

SECTION 3 DATA INTERFACE SPECIFICATIONS

This section presents the development and the data interface specifications required by the personnel and logistics subsystems. The development of these specifications follows a logical sequence from the determination of the data base requirements, to the messages that are required to initialize and maintain the files and to other messages that utilize the files and/or are required to facilitate effective personnel and logistics subsystem operations.

3.1 PLSS DATA BASE DEVELOPMENT

The PLSS data base involves many groups of data elements or files utilized in the conduct of PLSS activities and the performance of functions for provision of personnel and materiel support to the AFFOR commander. It is not an objective of this study to educe a PLSS data system, nor at this stage to identify areas for automation and data processing support. Consequently, references to 80 column punched cards should be considered as a convenient measure of size.

The PLSS Functional Analysis Report identified the basic functions of the D/M and the D/P staffs at the AFCCP. Based on these functions, requirements for collection, storage and retrieval, and exchange of information were identified. These information requirements were converted to needed data base files, and to associated message requirements for establishing and maintaining said files. In addition, any other messages essential to ongoing operations were identified to complete the total PLSS message library or catalog. In the development of these data base files, two basic guidelines were employed. The first one was that the D/O staff and the D/M staff elements at the AFCCP contribute to and coordinate on plans and their implementation, expediting critical items, and integrating reports and summaries. This guideline is cited in AFM 400-2 (Logistics Doctrine). The second guideline was that all D/M staff elements share a common Logistics Subsystem (LSS) data base. This includes the D/Ms staff directorates of Log Plans, Supply, Maintenance, and Transportation (also, Munitions and Procurement if warranted by force size). In like manner, the D/P staff elements at the AFCCP are assumed to share their PSS common data base.

3.1.1 LSS Data Base

As noted earlier, the PLSS Functional Analysis Report provided the basic descriptions and interrelationships of the D/Ms staff activities and functions. The functions allocated to the LSS in the previous functional analysis tasks have been further indented and correlated with each of the basic elements of the LSS.

Specifically, the LSS elements defined for this analysis include the following:

- a. Plans.
 - b. Supply.
 - c. Munitions.
 - d. Transport.
 - e. Maintenance.
 - f. Procurement.
- a. The plans element of the LSS performs the following functions:
 - (1) Monitor and summarize activity rates for major W/S and equipments (this includes flying time, operating time, etc.).
 - (2) Monitor and summarize consumption rates of expendables, i.e., POL and Ammunition.
 - (3) Monitor and summarize major End Item and spares usage of repairables and nonrepairables. Establish cycle times.
 - (4) Develop and modify planning factors reflecting observed usage rates.
 - (5) Evaluate operations plans feasibility based on current and projected availabilities. Identify level of effort needed to support and determine feasibility of achievement.
 - (6) Develop, through coordination, methods and procedures for resupply and depot support of the deployed force.
 - (7) Maintain an LRC to follow and expedite critical items in transport and distribution.
 - b. The supply element of the LSS performs the following functions:
 - (1) Monitor current status, quantity and distribution of supply classes relative to standard levels. Monitor War Readiness Material (WRM) status.
 - (2) Arrange and coordinate with supplier on pipeline levels for repairables and resupply items. Prepare transportation requirements for input to transportation section.
 - (3) Monitor and expedite Not Operationally Ready for Supply (NORS), (ANORS), and other critical items.
 - (4) Maintain master schedule of entering assets.
 - (5) Maintain master financial status.

paper tabulating the unique information concerning one member of a set. The combination of all the sheets of paper concerning all members of the set (all individuals) constitutes the files on the set (e.g., all equipments). The data base consists of as many files as is necessary to contain all the data relevant to accomplishment of the allocated functions.

Another analogy which is useful in understanding the concept of a file used in this analysis is that of a tabular matrix. The table may be visualized as a presentation of the unique values of a number of variables which together serve to describe the particular characteristics of each of many similar articles named in the left hand column of the table. The 'name' of an article may be very simple, for example, a serial number. The columns of the table would be named with the characteristics of the articles listed, e.g., manufacturer, size, weight, quantity on hand, delivery data, etc. Information retrieval from such a matrix consists of examining an appropriate column and selecting the rows of the table which have a column entry (or value) which matches some selection criterion. For example, in an equipment file, select all units of the type wanted and then extract (from the other columns) the manufacturer, size, quantity on hand, and location. The criterion used to select rows may be rather complex in that it may involve the evaluation of the values found in several columns according to a mathematical or logical rule. An example might be to select on type and size, those units which are in a particular location. The ordering of the records in a file may facilitate retrieval of information through such devices as numerical or alphabetical order. All columns of a table cannot be used as the ordering rule simultaneously; hence, the file is usually ordered with respect to a primary characteristic, such as manufacturer or equipment type for an AGE equipment file, which is most often used as the primary retrieval criterion.

The files defined herein are structured in the manner described for purposes of definition only. More complex structures are possible and are frequently used to facilitate information retrieval and file update. One example of such complexity would be the indexed file; a file which is accessed by a 'page' number which has been first obtained from an index table (itself a type of file). Such features and structures are established to facilitate file handling in the light of physical storage medium characteristics.

Table 3.1.1-1 presents the LSS data files as correlated with the staff elements, the LSS function and the specific staff activity which the file(s) support. A total of 48 files have been defined. The plans element accesses 18 of these files while other staff elements are estimated to access somewhat fewer files. It is presumed that any staff element would have the ability to access any file. The performance of certain functions and corresponding activity do not require files which

are unique from those defined against other areas and are so noted.

3.1.2 Personnel Subsystem Data Base

The D/P staff activities and functions like those of the D/M, were based on the PLSS Functional Analysis Report and its source AF/TAC regulations, manuals and directives. The functions of the personnel staff of the AFCCP have been stated on the basis that the AFFOR operates for an extended period, that is for at least 30 to 60 days, and is sufficiently remote from home bases and MAJCOM support that a number of functions normally associated with the MAJCOM are at least partially accomplished. Although it is recognized that the personnel staff may not be large enough in the smaller deployments to qualify as a Deputate, the terminology DP is used for brevity throughout this discussion. The staff 'directorates' are identified on the basis of the functional analysis and reflect the nominal division of responsibilities, with the exception that the administrative staff functions are not listed because of the negligible requirement for unique data base support. The functions allocated to the personnel subsystem in the previous functional analysis tasks have been related to the D/P Plans, Personnel Requirements and Personnel Actions and Services staff elements. The detailed functions or tasks that are performed by each of the PSS elements specified are as follows:

- a. The D/P Plans elements perform the following functions:
 - (1) Monitor and summarize force personnel status and distribution of Air Force Specialty Codes (AFSC) and Unit Authorization/Assigned/Available.
 - (2) Evaluate and summarize causes of personnel not available, casualty and accident/illness/other rates.
 - (3) Evaluate and summarize force personnel posture based upon current status and projected changes due to personnel actions and force operations. Develop planning factor modifications reflecting AFFOR experience.
 - (4) Prepare personnel annex to Operations Plans in support of the Operations staff. Support other AFCCP staffs in their planning functions with personnel information.
 - (5) Support special task-unit formation planning.
- b. The D/P Personnel Requirements element performs the following functions:
 - (1) Maintain and provide inquiry service on force personnel location/assignment and background status as appropriate [i.e., TDY/PCS, Home Base, time to rotation, etc.].

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 1 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
Log Plans Directorate ↑	*1.4 Perform Statistical Analyses, Evaluations, and Summaries of Materiel Data	Definition and Maintenance of Activity Rates	Aircraft History	Average and total flying hours, shop hours, alert time, etc. for aircraft in the force by MDS and unit.
			Major End Item History	Average and total operating hours, down time, wait time, repair time, etc. by article, type equipment, unit. (Subdivided into propulsion units, fire control systems, C-E-M equipment, radars, ground vehicles, service vehicles, OGE, MGE, etc. files.)
			POL Assets Usage (C3-A)	Periodic and cumulative usage amounts of POL items by MDS and unit/base.
			Ground POL Usage (C3-W)	Same as above for ground vehicles and non-mobile equipment by equipment, type, unit and base.
			Ammunition Usage (CE)	Ammunition items expenditures by type per sortie of MDS and cumulative in time periods of days, weeks, and months. (May be subdivided into separate files for bombs, rockets, gun rounds, pyrotechnics, etc.)
			Supply Items (By Classes)	Class 1 (Subsistence) Usage Consumption rates (per assigned personnel) by units and/or bases for major items categories of Class 1 supplies. Different items may be reported in terms of units per man per day and cumulative over weeks or months. (May be subdivided.) Class 2 (Clothing, tools, administrative supplies), Class 4 (Construction), Class 6 (Personal items), Class 8 (Medical), and Class 9 (Repair Parts). Similar to Class 1 files except for "essential" items of Class 9 (spares) which would be separately monitored via the WRM Usage File.
Log Plans Directorate ↓	*1.2 Collect, Record, and Store Materiel Data	Spares Monitoring	WRM Spares Usage	WRSK expenditures rates by unit, MDS, item both periodically and cumulative by days, weeks, and sorties.
*Function reference in T1 00798				

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 2 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
<div>Log Plans Directorate</div> <div>↑</div> <div>↓</div> <div>Log Plans Directorate</div>	*1.5.2 Determine Constraints and Planning Factors	Development of Planning Factors	No Unique Files at Present	Utilizes usages files. (May use MEFPAK guidelines of Manpower and Equipment Force Packages to sustain representative tactical operations.)
	1.5.4 Prepare Materiel Annexes to Operations Plans and Orders	Plans Feasibility	Operations Plans File	Indexed free text files containing operation plans may be a selective abstract of files prepared by D/O War Plans.
			Logistic Annex Working File	A format and checklist for preparation of LOG-ANNEXES.
			Logistics Planning Factors	A detailed file generated by processing the usage files which presents hours available and consumption rate planning factors for all supply classes as a function of sortie rate and unit/base size or configuration over daily/weekly/monthly time.
			Current Status	See supply and maintenance directorates.
			Scheduled Acquisition	See supply and maintenance directorates.
			Current Capabilities	This file is an abstract of the current status files and summarizes Aircraft and Major End Items of OGE/MGE available. Note: This file is an elaboration of the current statistical information used in TACC - Current Plans and is used mainly as a basis for creating the Projected Capabilities File.
			Projected Capabilities	Available aircraft, flying hours, and principal OGE/MGE hours/units by MDS/type and unit/base for one to eight weeks into the future. This file is generated from the scheduled acquisitions of units, Major End Items, supplies, and personnel applied to the Current Capabilities file.
	*1.5.3 Determine Expected Force Posture	Planning and Coordination of Force Re-supply and Support	Supply Item Source Index	See supply element.
	*1.9.5 Maintain and Operate LRC	Maintain Logistics Readiness Center	Critical Items Index	A quick reference list of critical supply items showing item, requestor, date activated, action-item serial number, action officer, type of criticality, and scheduled "get well" date.
*Function reference in TI 00798				

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 3 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
Log Plans Directorate (Continued)	*1.9.5 Maintain and Operate LRC (Continued)	Maintain Logistics Readiness Center (Continued)	Action Items	Detail file of critical items showing, in addition to Index information, detailed responsibilities and actions scheduled to accomplish corrective action.
<div>Supply Directorate</div> <div>↑</div> <div>↓</div> <div>Supply Directorate</div>	*1.8.1 Determine Deficiencies and Requirements	Current Status Monitoring	Unit Communications Key Personnel Directory	A file containing unit and personnel addressing locating information for D/M staff interactions. This file would include other commands and agencies.
			Current Status File	Quantity of equipments, spares, and supplies available by unit, base, and post holding area. This file is extensively subdivided into other files by major categories of items in the classes of supply handled in the force.
			WRM Status File	Unit/Base WRM levels relative to standard levels.
	*1.8.3 Adjust Inventory and Resources	Coordination of Resupply and Transportation Requirements	Usage Files	See D/M Plans. (Used to calculate supply levels.)
			Current Requisitions File	A file containing portions of all requisitions forwarded from units/bases which may be used for integration of order quantities, formation of transport needs, and scheduling of distribution.
			Scheduled Acquisitions File	Quantities of input assets entered into pipelines and scheduled into area by unit/base with reference to requisitions, NORS, etc.
	*1.7 Support Current Operations	Monitor Critical Items	Critical Items List	Listing of ANORS, NORS, EOCPs, etc. by MDS, Unit/Base, OPR, and schedule of response actions.
	*1.8.4 Maintain Data Files	Schedule Entering Assets	Supply Movement Abstract	Lists gross quantities of resupply items by specific transport means and scheduled departure and arrival dates. This file allows estimation of port demands for load/unload and warehouse services. Also used in intra-area transport requirements formation when combined with distribution detail.
	*1.8.6 Monitor Administration of Materiel Support	Maintain Financial Status	Requisitions File	See Item 2.
			Usage Files	See D/M Plans.
			Stock Cost Listing	Item values by FSN and other identification codes.
*Function reference in TI 00798				

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 4 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
Supply Directorate ↑	*1.8.6 Monitor Administration of Materiel Support (Continued)	Maintain Financial Status (Continued)	Consumption Budget	Not necessarily a file, but the financial programming plan and the policy standard against which operations are measured.
	*1.8.2 Monitor Performance of Materiel Support	Provide Staff Supervision	As Required	This functional area may employ other files in studies of unit problems and performance.
	*1.8.7 Provide Special Materiel	Supervise Support Base	Format/ Procedure Error Record	A file of noted errors in procedure or format by unit resulting in delays to processing. Includes categories of errors, periodic and cumulative error record.
Supply Directorate ↓	*2.0 Coordinate Materiel Staff Activities with Other Materiel Agencies	Procurement Coordination	Base Capacity Report	Available storage and handling facilities and operating personnel of support bases by class and sub-classes of supply.
			Local Procurement Actions Summary	Item list by classes showing quantities and delivery schedule/ actuals for locally procured items.
Munitions Directorate ↑	*1.8.1 Determine Deficiencies and Requirements	Current Status Monitoring	Local Procurement History	Item list of candidates for local procurement showing max lot sizes and actual delivery times.
			Munitions Current Status Files	Quantities by types, unit/base, and assembly status. These files are exclusively subdivided by major ordnance item types, i.e., bombs, guns/pods, rockets, etc. These file records might contain linkages to records in the technical data file to allow identification of mating components.
			Ordnance Technical Data File	This file provides general technical data on ordnance items and detail data on mating elements, i.e., fuses, racks, vehicle capacity, shipping configuration, etc. This file is not visualized as being the same as a file used in weapons planning by the TACC, since it would not contain weapons effects/ employment information.
Munitions Directorate ↓	*2.0 Coordinate Materiel Staff Activities with Other Materiel Agencies	Cross Service Coordination	No Unique Files	Employs Current Status, Movement and Distribution Abstracts.
	1.8.3 Adjust Inventory and Resources	Definition and Maintenance of Transport Requirements	No Unique Files	Employs Movement and Distribution Abstracts along with shipping data from Technical Data Files.
*Function reference in T1 00798				

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 5 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
Transportation Directorate	*1.8.9 Support Implementation of Ops Plans, Orders, and Adjustments	Coordinate External Transport	No Unique Files	Employ transport requirements derived by Supply from requisitions data.
	*1.8.4 Maintain Data Files	Definition and Maintenance of Intra-Area Priorities	Current Transport Requirements File	Priority ordered file of transport requirements in terms of pallets and special size items integrating all AIFOR demands. Used in joint allocation conferences.
	*1.8.0 Perform Materiel Operations	Transport Resources Status Maintenance	Transport Resources Abstract	This file is a summary file of all available intra-area transport and its current allocation.
	*1.9.5 Maintain and Operate LRC	Expedite Critical Items (LRC Representative)	Critical Items Movements File	This file lists movements schedules and actuals for critical items.
Transportation Directorate	*1.8.7 Provide Special Materiel Support	Definition of Evaluation Requirements	No Unique Files	This function consists of integration and preparation of evacuation requirements.
Maintenance Directorate	*1.8.2 Monitor Performance of Materiel Support	Staff Supervision	Reporting Control/ Error Log	List of scheduled versus actual reports submitted by lower echelons and format/data errors introducing excessive response delays. Periodic and cumulative.
	*1.8.4 Maintain Data Files	Maintenance of Skills, Tools, Facilities Status	Key Personnel File	Key personnel for all maintenance orgs.
			Maintenance Resources Status	Location and quantity of maintenance resources by unit and base.
			Special Skills Locator	Abstract of Resources Status file for selected, skilled individuals.
	*1.8.1 Determine Deficiencies and Requirements	Monitor Repairables & NORMS	Repairables Flow Summary	A history file by repairable item in categories and by units/bases and "used-on" references to MPS and AGE major end items. Shows current and long term turn around times through selected cycle phases and overall activity levels.
	*1.8.5 Participate in Maintenance Management Review Program	Maintenance Utilization and Integration	NORS, NORMS File	Listing of NORMS and NORS, etc. by MDS etc. and unit showing schedules and reason for NORM.
Work Load Distribution Summary			This file is formed from selected management reports submitted by subordinate units reflecting production rates and staffing completeness.	

*Function reference in TI 00798

Table 3.1.1-1. Logistic Subsystem (LSS) Data Base Files (Sheet 6 of 6)

Logistics Subsystem Element	LSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
Maintenance Directorate (Continued)	*1.8.6 Monitor Administration of Materiel Support	Integrate Major Maintenance	Time Change Summary	Listing of scheduled maintenance actions integrated over forces and to field maintenance and depots.
	*1.8.7 Provide Special Materiel Support	Coordinate Depot Support	No Unique Files	Use Repairable and Schedule files to estimate loading.
	2.0 Coordinate Materiel Staff Activities with Other Materiel Agencies	Supply Coordination	No Unique Files	Use NORMs and NORS files.
Procurement Directorate	*1.2 Collect, Record, and Store Materiel Data	Maintain Supply Sources	AFLC/AMA/GSA Guidelines	Information and guidance on procurement practices for deployed AFFOR.
	*1.8.2 Monitor Performance of Materiel Support	Definitions and Maintenance of Plans and Budgets	Purchase Log	File of schedules, requisition and value/payments on purchases by item.
	*1.8.4 Maintain Data Files	Source Selection	Qualified Sources File	List of sources, qualifications, purchase history.
	*1.8.7 Provide Special Materiel Support	Source Transport Identification	No Unique Files	Transport requirements developed from Purchase Log.
	*1.8.1 Determine Deficiencies and Requirements	Receiving and Quality Control Coordination	No Unique Files	
Procurement Directorate	*1.8.6 Monitor Administration of Materiel Support	Staff Supervision for Base Procurement Activities	No Unique Files	

*Function reference in TI 00798

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- (2) Maintain summary of personnel replacement and augmentation requirements submitted by units/bases and act for the AFFOR commander in coordinating.
- (3) Maintain and summarize scheduled personnel acquisitions and reassignments (out of AFFOR); provide focal point for coordination with higher headquarters.
- (4) Maintain file of key personnel background resumes for incoming, present and outgoing officers.

c. The D/P Personnel Actions and Services element

performs functions which consist mainly in providing staff supervision and policy guidance to subordinate units on:

- (1) Promotion and career development programs and actions.
- (2) Awards and decorations.
- (3) Morale and recreation program; coordinate on resolution of special problems.
- (4) Coordination with Medical Staff and with D/M on mortuary.
- (5) Coordination with Comptroller and Security staffs.

- (6) Promulgate and coordinate POW procedures.
- (7) Coordinate on Courts Material procedures.
- (8) Civilian personnel procurement, administration, and financial and security coordination.

Table 3.1.2-1 presents the description of the PSS data files as correlated with each staff element, the PSS function and the specific staff activity which the files support. Only 12 data files were identified for the PSS. The PSS Plans element assess the largest number of files (10). Performance of the basic PSS function, Exercise Staff Supervision over subordinate Units requires no unique files.

3.1.3 File Sizing and Operations Support

The logistics and personnel data files defined in the foregoing sections have been constituted to address the entire data needs of the AFCCP D/M and D/P staffs in their management functions supporting the attainment of the Commander's objectives. This section summarizes the files which have been defined and presents the rationale employed to establish their approximate size. In addition, it is recognized that some of the logistics files are more relevant to the Operations staff while others are principally associated with Non-TACC related activities of the D/M. Tables 3.1.3-1 and 3.1.3-2 present the total files while Table 3.1.3-3 presents the logistics files principally used to support Operations. The files supporting operations are of two classes: (1) those created and maintained by status reports from subordinate units and (2) those established from data supplied by the deploying command, such as ordnance technical data, or created by the materiel staffs from data submitted, such as supply error records. The data files maintained by status reporting from subordinate units fall into six major groups which have been used in organizing the message analysis for these messages related to file updating. The categories of files for logistics include: (1) force status and capabilities, (2) supply levels, (3) use rates, (4) expendables, (5) consumption rates, and (6) maintenance actions.

The logistics and personnel data files are assumed to be representable in terms of the number of 80 character cards required to contain the information in each logical record. The estimates have been formulated on the generous side in order to take into account the lack of detailed definition of record contents and also to generate a notion of the upper range of total data base requirements. The basis for file size estimates is presented in Table 3.1.3-4. Force size, equipment quantity and activity levels are used to estimate the number of logical records while the number of cards in a record is estimated from the nature of the information contained. History files are assumed to be purged down to an average of six weeks detail history.

3.2 MESSAGE TRAFFIC DEVELOPMENT

This section presents the analysis of the input and output messages between the personnel and logistics subsystems and interfacing agencies; including the TACC, other AFCCP staff elements, AFFOR elements, other elements of the JTF, higher and lateral commands and supporting agencies. This portion of the interface analysis deals with the development of the message catalog, the relationship of messages to the data base, and the resulting communication requirements. The method of preparation of detailed message specifications for each PLSS interface is described; the objective being to maintain traceability from the operational requirements to the data processing, display and communication specifications. The incoming and outgoing messages were further categorized in terms of status messages and operations messages. Status messages are the primary data base file creation and maintenance sources. Operations messages include all communications necessary to conduct D/M and D/P staff activities other than status assessment and administrative messages, request for maintenance requirements, summaries of resources status information and extended planning requirements.

The functional, performance, and technical specifications of each message are analyzed and defined based on the assumed deployed force sizes and levels discussed previously in Section 2 of this report. The personnel and logistics subsystems catalog is used to define the message traffic as a function of the three force levels. Message traffic for each interface is calculated and presented in terms of the number of characters per communication medium (E.G. digital, teletype, voice, and text) per day and the number of messages transmitted across the interface per average day.

3.2.1 Message Catalog Development


The personnel and logistics subsystem message catalog has been developed from the support subsystems data base and input/output data requirements baseline. Applicable Air Force and Tactical Air Command message reporting systems and procedures helped to establish the message requirements. Interfaces between the personnel and logistics support subsystems and other Air Force and lateral commands or units were identified based on the assumed force size and levels. Personnel and logistics support subsystem functions defined in the previous functional analysis report and reiterated above in the data base development were then correlated with each of the PLSS interfaces. Corresponding data input/output requirements were then determined. Message specifications obtained from the current Air Force reporting systems and from study reports of previous contractors were then collated and listed against each of the functionally generated input/output data requirements. Where two or more existing or proposed messages were redundant the responsive portion of each message was integrated into

Table 3.1.2-1. Personnel Subsystem (PSS) Data Base Files (Sheet 1 of 2)

Personnel Support Subsystem Element	PSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
D/P Plans ↑	*1.2 Collect, Record, and Store Personnel Data	Definition/Maintenance of Force Personnel Status	Positions File	AFSC listing for total force by unit showing authorized/assigned/available, individual assigned, entry date, departure date, organic/augmentee position, etc.
	*1.4 Perform Statistical Analyses, Evaluations, and Summaries of Personnel Data	Perform Availability Analysis	Personnel Locator File	Listing by individuals showing unit, location, AFSC, home base, in/out date/schedule, and status with cross reference to detail file. File title and description.
			Status Detail File	Detail status of personnel "not-available," that is, casualty, departed, shortfall, scheduled in, illness, leave, R and R, and estimated return to duty date.
			Personnel Planning Factors	Listing of personnel planning factors on illness, accident, casualties, etc. by organization and force activity level when appropriate.
	*1.5 Support Extended Planning	Define/Maintain Projected Force Status	Flying Personnel History File	Listing of all rated personnel, and spaces, their duty assignments, and flight activity by weeks, units and cumulative.
			Critical Skills History	Listing of selected low density, high value/short skills (AFSCs) and positions showing degree of utilization, Lmfac references (if any), etc. by unit and week and cumulative.
			Positions File	Used for baseline.
			Personnel Input/Output Schedule	Listing of positions scheduled for acquisition or departure.
			Projected Status File	Listing of force positions by unit showing effects of current status, input/output schedule, and planning factors on availability as projected from one week to two months.
	*1.1 Receive Requirement for Personnel Staff Services Support	Provide Operations Plans Support	Unit Organization File	History of positions required for all units in various configurations.
			War Plans File	File of plans and previous annexes for reference.
			Personnel and Position	Description documents for central support.
D/P Plans ↓				

*Function reference is TI 00798

Table 3.1.2-1. Personnel Subsystem (PSS) Data Base Files (Sheet 2 of 2)

Personnel Support Subsystem Element	PSS Function (Functional Analysis Report)	Staff Element Function	Name of File/Index	File Description
D/P Plans (Cont)	*1.5.2 Determine Personnel Resources Available for TDY Assistance	Define Special Unit Formation	No Unique Files	Employs unit organization references and force status to identify potential sources of personnel.
Personnel Requirements	*1.3 Retrieve Personnel Data	Locate Personnel	Personnel Locator File	See DP Plans.
	*1.8 Perform Personnel Operations	Requirements Integration	Personnel Requests File	A listing of selected information on personnel requests originated by units/bases.
	*1.5.3 Maintain Cognizance of TAF Manning Capability to Support TAF Mission	Staffing Schedule Monitoring	Personnel Input/Output Schedule	See DP Plans; maintained by DP Requirements.
Personnel Requirements	*1.9 Disseminate Personnel Data	Provide/Maintain Key Personnel Background	Personnel Background File	Background information on specified key personnel and grades.
Personnel Actions and Services	*1.8.2 Exercise Staff Supervision over Subordinate Units	Provide Staff Supervision and Coordination	No Unique Files	Employs personnel status, unavailable detail, etc. files to support and coordinate on specific actions and programs established in the command.
*Function reference in T1 00798				

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Table 3.1.3-1. Logistic Data Files (Sheet 1 of 2)

File Name	Force/File Size			Sizing Rule
	Min	Med	Max	
Aircraft History	1,000	3,000	5,000	9 cards x No. acft
Major End Item History (CEM, Veh, OGE, etc.)	2,000	6,000	10,000	200 items x O.L.
POL Assets Usage (C3-A)	1,000	1,500	2,000	20 items x 10 cds x MDS
Ground POL Usage (C3-W)	3,000	6,000	10,000	
Ammunition Usage (C5)	2,000	5,000	10,000	50 items x 12 cds x sqdns
Subsistence Consumption (C1)	1,000	1,000	1,000	40 items x 20 cds
Class 2 Usage Ind Equipment and Tools	4,000	4,000	4,000	1000 items x 4 cds
Class 4 Construction Usage	1,000	1,000	1,000	100 items x 10 cds
Class 8 Medical Usage	1,000	1,000	1,000	100 items x 10 cds
Class 9 Repair Parts Usage	30,000	40,000	50,000	6K/8K/10K items x 5 cds
WRM Spares Usage	1,000	3,000	7,000	100 items x bases x MDS
Operations Plans	1,000	3,000	6,000	2 pgs x 30 cds x Air Units x 3
Frag Orders	1,000	2,000	4,000	2 cds x missions x 10
Log Annex Working File	1,000	1,000	1,000	10 pgs x 40 cds
Log Planning Factors	200	300	400	2 cds x 10 items x (MDS + TACS)
Current Status of Supply	9,000	20,000	38,000	(3400 items + 200 x MDS) x bases
Schedule Acquisitions	2,000	4,000	8,000	20 percent of Current Sta
Current Capabilities	1,000	2,500	4,000	2 cds x (30 items x Units)
Projected Capabilities	5,000	12,500	20,000	10 cds x (30 items x Units)
Supply Source Index (USAF)	1,000	1,000	1,000	100 sources x 10 cds
Critical Items Index	150	400	700	10 x Units
Action Items File	500	1,000	2,000	3 cds x 10 x Units
Unit Comm. Directory	100	200	300	2 cds x 2 x Units
WRM Status	5,000	1,500	3,500	500 items x bases x MDS
Current Requisitions	2,000	4,000	8,000	20 percent Current Status
Supply Movement Abstract	2,000	4,000	8,000	Same as Sched Acq
Stock Cost Listing	4,400	4,800	5,400	(3400 x 200 x MDS)

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Table 3.1.3-1. Logistic Data Files (Sheet 2 of 2)

File Name	Force/File Size			Sizing Rule
	Min	Med	Max	
Consumption Budget (Plan)	9,000	10,000	11,000	2 x Stk Listing
Supply Error Record	150	300	500	10 Actions x O.L.
Base Capacity Report	160	320	560	40 items x 2 cds x bases
Local Procurement Actions Summary	200	400	800	10 percent of Current Requisitions
Local Procurement History	2,000	4,000	8,000	Actions x 10
Munitions Current Status	600	1,600	3,200	2 cds x 100 items x units
Ordnance Technical Data	1,000	1,000	1,000	10 cds x 100 items
Munitions Movement Abstract	600	1,600	3,200	Same as Current Status
Current Transport Reqmts	1,400	3,000	7,000	100 items x O.L.
Transport Resources Abstract	120	160	200	10 cds x AL Sqdns +100 Other
Critical Items Movements	150	400	700	Same as Crit Items Index
Maint Reporting Control/ Error Log	150	300	500	Same as Supply Errors
Maint Key Personnel	150	400	700	10 x Units
Maint Resources Status	200	600	1,500	20 x MDS x Bases
Special Skills Locator	100	140	200	10 x (MDS + TAC'S)
Repairables Flow Summary	250	700	1,300	2 x Sorties + 10 x TAC'S
NORMS, NORS File	25	70	130	10 percent Repairables
Workload Dist Summary	100	300	750	50 percent Resources
Time Change Summary	200	600	1,000	2 cds x A/C
Purchase Log	400	800	1,600	2 x actions
Qualified Sources File	100	200	400	50 Actions
Totals	99,400	152,000	259,000	Cards = 8/12/21 million characters

Table 3.1.3-2. Personnel Data Files

File Name	Force/File Size*			Sizing Rule
	Min	Med	Max	
Positions File	4000	12,000	23,000	50% Personnel Strength
Personnel Locator File	9000	24,000	45,000	1 cd x No. Personnel
Status Detail File	1800	4,800	9,000	2 cds x No. Personnel x 10%
D/P Planning Factors	200	200	200	20 factors x 10 cds
Flying Personnel History	2000	6,000	10,000	A/C x 4.0 Crews x 5 cds
Critical Skills History	100	140	200	10 Positions x (MDS+TACS)
Personnel Input/Output Schedule	1000	2,500	4,500	10% Strength
Projected Status File	4000	12,000	23,000	Same as Positions
Unit/Organizations	900	2,400	4,200	2 pgs x 30 cds x Units
Opns Orders	1000	2,000	4,000	Same as Logistics
Personnel Requests	1000	2,500	4,500	10% Strength
Personnel Backgrounds (Selected)	500	1,200	2,000	5% Strength
Total Cards	23,300	63,800	119,000	≈ 2/5/10 million characters
*80 character cards				

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one message necessary to meet the input/output functional, performance and technical requirements. Where there were no specified or existing message specifications a message was created to meet the corresponding input/output data requirements. This integrated message listing was then assembled into a catalog which identifies specifications for the following parameters:

- a. Title, including military code numbers, as appropriate.
- b. Information content.
- c. Type of message, i.e., purpose.
- d. Origin(s) and destination(s).
- e. Alternate sources (hackup sources).
- f. Length (in terms of character counts).
- g. Media (primary and secondary).
- h. Format (fixed, semi-fixed, or narrative).
- i. Message frequency (generating rule).

3.2.1.1 Interfaces and Environmental Considerations

Identification of the personnel and logistics subsystems interfaces with deployed tactical Air Force units and other nondeployed or Air Force command organization within the CONUS was made in accordance

with the assumptions on the deployed force organization, size and activity ground rules. Figure 3.2.1-1 shows the major interfaces between the personnel and logistics support subsystems and the other military commands or units. A description of each of these deployed or CONUS-based military organizations or commands follows:

- a. *PLSS*. Higher and Lateral Commands; this interface includes all lateral command and force elements within the deployed area and higher commands in CONUS that are required to interface with both the personnel and logistics support subsystems. An example of this includes the Air Force logistics command, the Air Materiel areas within the CONUS, the JTF/JOC and other cognizant lateral deployed forces.
- b. *The PLSS-AFFOR commander*. The AFFOR commander, as he exercises command and control of the assigned forces, requires assistance and advice from both the deputy of personnel and deputy of materiel. This interface will, in a practical sense, take place on a daily basis based on daily staff briefings for the commander and event-generated requests for any emergency or special problems which may come up during the course of the combat operations.

Table 3.1.3-3. Operations Oriented Files

File Name	Size*		
	Minimum	Medium	Maximum
Files on Force Status and Capabilities			
Current Capabilities	1,000	2,500	4,000
Projected Capabilities	5,000	12,500	20,000
Base Capacity	160	320	560
Transport Resource	120	160	200
Maintenance Resource	200	600	1,500
Unit Communications Directory	100	200	300
Subtotal	6,580	17,280	34,560
Supply Level Files			
Supply Status (Selected Items)	900	2,000	3,800
Scheduled Acquisitions	2,000	4,000	8,000
Munitions Status	600	1,600	3,200
WRM Status	1,000	2,800	7,000
Subtotal	4,500	10,400	22,000
Maintenance Actions			
Workload Distribution Summary	100	300	750
Maintenance Key Personnel	150	400	700
NORMS, NORS File	25	70	130
Subtotal	275	770	1,580
Critical Actions and Resources			
Action Items File	500	1,000	2,000
Critical Items Index	150	400	700
Critical Items Movements	150	400	700
Subtotal	800	1,800	3,400
Use Rates for Equipments			
Aircraft History	1,000	3,000	5,000
Major End Item History (less A/C)	2,000	6,000	10,000
Subtotal	3,000	9,000	15,000
Consumption Rates of Expendables			
POI Assets Usage	1,000	1,500	2,000
Munitions Usage	2,000	5,000	10,000
WRM Spares Usage	1,000	3,000	7,000
Subtotal	4,000	23,000	19,000
Total Cards Required	19,150	62,250	95,500
File size in millions of characters	1.5	5.0	7.7
*Refer to Tables 3.1.4-1 and 3.1.4-2 for sizing rules.			

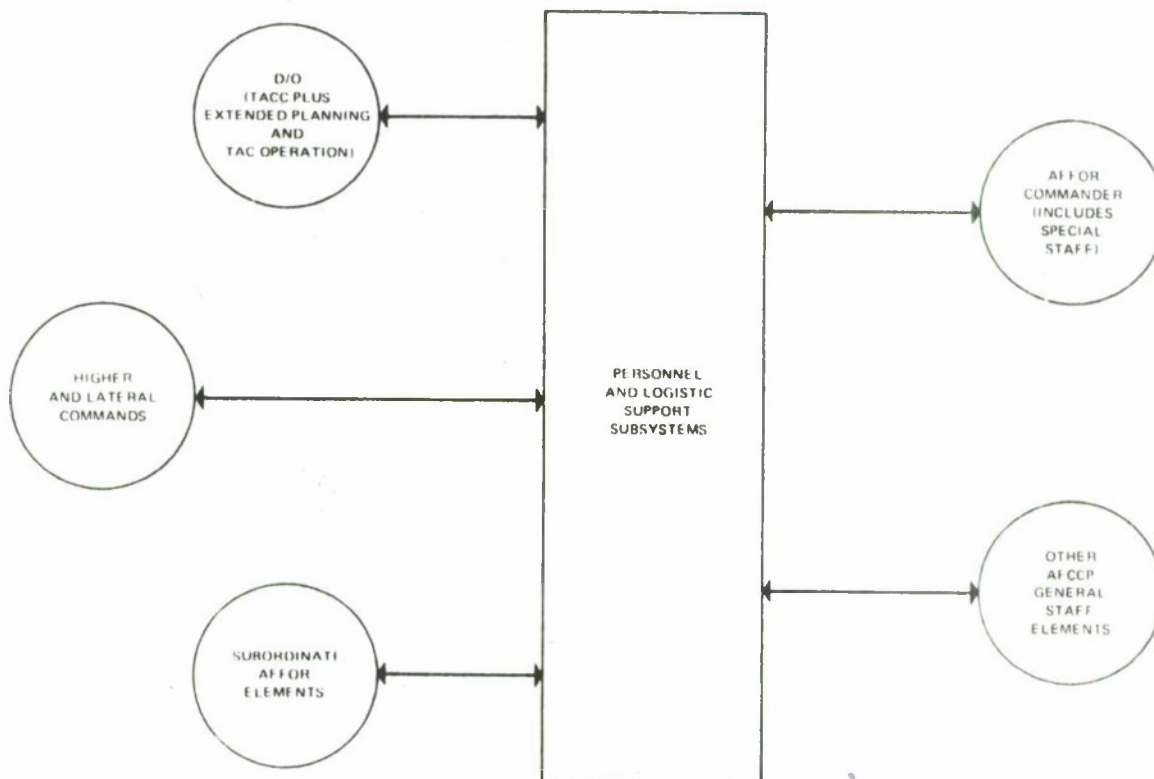
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Table 3.1.3-4. Force Estimating Baseline

Item	Minimum	Medium	Maximum
Bases	2	4	7
Operating Locations	14	30	50
Reportable Units	15	40	70
Air Units	7	16	29
TACS Units (Major)	5	7	10
Air Vehicles	100	300	500
MDS Types	5	7	10
Sorties per day	100	300	600
Missions per day	50	100	200
Personnel	9000	24,000	45,000

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- c. *PLSS-D/O*. The deputy for operations (D/O) will interface with both the personnel and logistics support subsystems to obtain assistance in preparing frag orders and for solving any emergency type problems which come up during the monitoring and direction of the current operations throughout the day. The D/O also requires assistance and inputs from both support subsystems relative to extended planning tasks and for carrying out the normal tactical operations responsibilities.
- d. *PLSS - Other AFCCP Elements*. Other elements of the AFCCP staff such as the deputy for Intelligence officer, the communications-electronics officer staff, the staff weather officer, etc. interface with both the logistics and personnel support subsystems. The nature of these interfaces is expected to be in terms of advice, request and data monitoring type of inputs which are required in order for each of these other staff elements to carry out their responsibilities in advising and assisting the AFFOR Commander.
- e. *PLSS - Subordinate AFFOR Force Elements*. This interface includes all of the deployed tactical Air Force elements/bases including base supply squadrons, CBPOs, mobile communications facilities of the Air Force communications system and other reporting elements associated with



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Figure 3.2.1-1. Personnel and Logistics Support Subsystem Interface

each of the operating and support bases in the combat areas.

The primary environmental considerations involve the combat area and the deployed tactical Air Force forces in an overseas environment. Assumptions concerning the three force levels, the air activity and the damage frequency expected both on equipment and personnel are listed under 2.3. Analysis and development of the PLSS data base and message requirements have been accomplished assuming combat operations. Deployment and post-deployment phases are not included.

3.2.1.2 Functional Interface Parameters

Derivation of functional interface parameters which include the nature of the data, the message media, the lengths, formats, and the importance (or precedence) of the information, and the origin and the destination of the message requires knowledge of both the tactical air operations and combat support activities, corresponding data input/output requirements and the information utility.

The nature of all input and output messages from both the personnel and logistics support subsystems were defined in terms of status messages required to create and maintain files within the personnel and logistics subsystems and within their force units at each interface. Operations messages are primarily concerned with functions such as providing command policies and guidance, preparation of war or extended plans, request for the solution of certain maintenance problems, etc.

The length of each message was derived from data base updating and operations related data input/output requirements. For example, preparation of the logistic annex of the war plans requires an evaluation of content requirements as they relate to different contingencies. A minimum, mean and maximum message content was then defined to include the probable plan variations.

3.2.1.3 Parameters of the Functional Interface

The parameters used in the derivation of each message interface specification include frequency of message exchange, the time required at destination, the origination time, the media, lengths, and formats. Generally speaking data reporting frequency at each interface will decrease from the highest currency requirements of those data which deal with current operations of the TACC to those data which deal with the generation and reporting of policies and directives received from appropriate higher command levels. The combat environment in which a mobile deployed force operates is highly dynamic and changing, requiring that information be kept current. Current operations of the TACC requires hourly and daily currency of data. Frag order planning requires, as a minimum,

that the data be current within the last 24 hours. On the other hand, the extended planning function performed either in the War Plans Directorate or again in the TACC depending upon the force level deployed only requires currency of data on a bi-weekly or weekly basis. Command policy and administrative reporting requires only a weekly or monthly update.

Derivation of the generation rules associated with each of the input and output messages was used to establish other key parameters directly related to information currency. To correctly define the rule for generating each message, scenario driven force activities were carefully analyzed relative to the different numbers and types of reporting sources and sinks. Once the basic information requirements was defined for each message applicable message heading and end of message procedures were used to complete message content size.

Message media at the functional interface level involves the nature and use of the information and the man-machine capability for preparing and transmitting the contents. Specifically, the main message media was considered in terms of voice on a free text basis and in terms of text on a free, semi-fixed, and on a fixed format basis, the variability of the data content, and historical or record keeping requirements. Importance or precedence of each message was established using present JCS/Air Force doctrine and procedures. It was found in this study that the three categories of immediate message, priority message, and routine messages were adequate to define message importance. The origin and destination of each message required the definition of information flows on both operational and administrative networks in the deployed force environment and for those which interface the cognizant CONUS-based Air Force commands and bases. Careful consideration had to be given to all force elements regarding their requirement for data based on operations or monitoring functions to be performed. Alternate sources of data were also identified based on the corresponding force elements functional responsibility and corresponding data bases.

Message generation rules are based first on the message frequency requirements. These reporting requirements further break down into periodic and aperiodic or event generated reporting needs. Periodic reporting requirements have been derived on hourly, four, six, eight or twelve hour intervals, a daily, a weekly, a monthly and a quarterly basis. Event-generated reporting requirements were determined either to be on an immediate or as required basis. The second part of deriving message generation rules involves assessment and determination of the following types of parameters:

- a. The type and number of reporting elements.
- b. The sortie activity level.

- c. The number of war or contingency plans which were being prepared or modified on a preunit time basis.
- d. Aircraft - Weapon Damage Events per unit of time.

The times designated for transmission were derived based on data availability at the source, assessment of the message preparation time, and the transmission times. The users time-based input data need was the overriding requirement. Constraints which might be imposed on scheduling and actually transmitting the message over communication media have been left to subsequent tasks of the contract.

3.2.1.4 Technical Interface Parameters

Definition of the technical interface specifications include the primary communications media, alternate communications media, and the transmission rates per media. Specification of the primary and alternate communications media was determined and defined based on the following factors:

- a. The message purpose and data content.
- b. The nature of the message and its intended use.
- c. Message frequency and user requirements at destinations.
- d. The message format.
- e. The difference in time between the destination and origination.
- f. Existing or assumed (post-1975) data processing and communications capabilities.

Each message was specified to be sent over digital, teletype, voice, or mail/courier types of communication media. In every case, alternate communication paths were specified.

Communication rates were derived in this analysis effort through a careful consideration of the message frequency, the times that the message was originated and scheduled for transmission, the times required at the destination by the user, and the distribution of scheduled transmission times over the day, week and month. The minimum, medium and maximum force level effects were included in the rate values. Peak communication rates have been derived for each personnel and the logistics subsystem interface based on the assumption that all weekly messages will be sent on one day of that week (normally on a Friday) and that the reporting requirements of monthly messages can be spread over the last week of the month.

The developed PLSS message catalog is organized into incoming and outgoing messages related to each subsystem. Each message specification is presented in the format shown in Figure 2.4-1. Message numbers are assigned to each message in accordance with the

five PLSS interfaces shown previously in Figure 3.2.1-1. Message numbers are further coded to indicate whether it is a logistics or personnel subsystem message and to indicate an incoming message from an outgoing message. Appendix I contains the PLSS message catalog with amplifying information on the conversion and coding procedures used.

3.2.2 PLSS Message Specifications

This section describes in more detail the development of the specifications for each of the outgoing and incoming messages of the personnel and logistics subsystems relative to the Deputy for Operations (D/O) and TACC in one category and all other non-TACC interfaces in the other category. The messages are further discussed in two groups. Status type messages represent one group, while operational messages are included in the second group. The main purpose for this message grouping has been to discuss those operations messages which do utilize the different files for fulfillment of requests, coordination, provision of inputs to plans and the dissemination of command policy and guidance types of information from those which update PLSS data files.

3.2.2.1 Message Development

Development of the personnel and logistic subsystem messages has been based on message requirements derived from data base maintenance and operations activities. These messages directly support the basic functions and tasks performed by the Deputy for Materiel and Deputy for Personnel at the AFCCP.

Accomplishment of these activities involves the collection, processing, storage and exchange of information dealing with the performance of the AFFOR materiel and personnel support capabilities. A substantial amount of this type of information is highly perishable or of transitory significance. Typical examples of this perishable type data include the coordination of conflicting data, locating a wanted item or person, selecting between alternatives and directing appropriate actions, notifications, releases and authorizations, completion reports, etc. Performance data of a continuing value is maintained in the PLSS and their interface counterparts help to determine the nature and details of the message content requirements.

The information content of required message determines importance or precedence of the message. This parameter indicates the urgency or priority which will be accorded to the message in its transmission from the origin to the destination. For example, an I (Immediate) precedence message is given consideration over P (Priority) messages. The priority or P type message in turn receives consideration over R (Routine) type message. The most urgent precedence level is F (Flash). This analysis of the personnel and logistics subsystems indicated that there were no messages that required this level of precedence. In fact the majority

of all PLSS messages were of the P types with slightly more I than R types.

Consideration has been given to the need to exchange some I type precedence messages between the tactical units and the Deputy for Materiel via the logistics subsystem or specifically the lower echelon interfaces. The capability of the LSS to effectively support the Deputy for Operations requires timely and responsive inputs from these sources. For example, a post-mission report of an aircraft mission (Ref. Appendix I, Message No. L-502) by the crew chief of the logistics subsystem enables the aircraft availability file to be immediately updated. In a similar manner, munitions equipment status message (Message No. L-532 in Appendix I) are evaluated in order to effectively support the TACC. Corrective action directives also have an urgency requirement relative to the tactical units involved which is used to justify a priority precedence rating.

The sensitivity and the security of the information content help to determine the precedence. In this study, consideration of the sensitivity and security requirements was oriented to an assumed deployed AFFOR environment of the post-1975 time period. Availability of security data reporting between tactical units and the AFCCP as well as within the AFCCP with encryption capability on line or in communications centers was assumed. Accordingly, selection of the media for the personnel and logistics subsystem messages was made on the basis of being responsive to each functionally related input or output data requirement, assuming no constraints on the communications capability because of security and sensitivity characteristics. Message format and length are primarily determined by the content of the messages, and to a lesser degree by the media. Since many of the operational and even some status messages are voice types, message format and length were nominally established in alphanumeric character counts. Words are defined normally as five characters long.

The frequency of message exchanges is related to several major parameters. Perishability of message content or its utility for limited time periods determines in many cases a need for frequent sending of the message, or specifically for a higher frequency of reporting. For example, the selected items reports (Message No. L-528) in Appendix I) provides key information on the latest reading of the NORS of selected support equipments/subsystems. This message requires reporting as much as five times in a single day. Another message such as the TACS facilities status report (Message No. L-509 in Appendix I) requires reporting as frequent as four times daily. In frequency reporting requirements has also been considered from the point of view of the file maintenance. The message, Analysis of Aviation Fuels (Message No.

L-541 in Appendix I) is a typical example requiring a low frequency reporting capability.

Certain selected items have been found to be components essential to completion of certain maintenance tasks needed to return aircraft to available status. Since exact types of items cannot be anticipated, the Selected Item Report (Message No. (TBS) in Appendix I) has been considered to be based on file update needs rather than on an input source generation frequency. On the other hand, the Critical Item Report (Message No. L-(TBS) in Appendix I) does reflect items designated by the Air Force Logistics Command (AFLC) and the AFFOR DIM for special reporting and thus must be utilized to maintain the corresponding status file.

Message generating rules have been based on two major factors. The first factor is represented by the required frequency of reporting established by the interfacing agencies. The second factor is concerned with identifying the appropriate transformation from event, Forces, and activity levels to message generation rates. For example, a message that is normally sent once a day by an aircraft squadron can be expected to occur once per day per aircraft squadron regardless of the number of tactical units which have been deployed. Other types of messages were keyed to deployed wing or group level units as appropriate to reflect their scaling factors. This group or category of messages were usually reported on a two per day per wing basis. This means that a deployment possessing two wings would require four messages of this category per day.

The development of communications traffic loads based on these message generating rules was then accomplished in a straight forward manner. The basic character counts multiplied by the total number of messages (messages per day per tactical unit times the number of such units in a deployed force) yields a total number of characters for a given message in a day for each Force level. Utilization of the message generating rule is further discussed in subsection 3.2.4, Message Traffic Characteristics.

3.2.2.2 The Logistics Subsystem Non-TACC Interfaces

The non-TACC interfaces include the principle subordinate AFFOR elements higher and lateral commands, applicable logistics elements of the joint force command staff, and lateral commands of other military services in the deployed area. The main data sources from which the logistics subsystem obtains the data needed to support the TACC, are the subordinate Force element command posts such as the tactical unit operations center. Table 3.2.2-1 includes all incoming and outgoing status messages for the logistics subsystem non-TACC interfaces. The basic information presented in this table includes the type of status message, the precedence, the generation rule, the nominal message size and the communication requirements. It is

noted from the table that there are 14 LSS incoming messages required to maintain the current status file.

Generation rules associated with a majority of these messages specify a daily reporting capability per deployed unit such as a tactical squadron. Several important exceptions to this are noted. One exception involves the message, Munitions Loading Crew and Equipment Status Report (Message No. L-537). The generation rule for this message is one per week per deployed squadron with an assumed update rate due to threshold change of 10 percent per day. The TACS facilities status report (Message No. L-531 in Table 3.2.2-1) is another example where the generation rule is related to a threshold criteria. The length of message and characters also change as noted in the table by providing two generation rules depending upon the tactical situation.

Three messages are specified to maintain the maintenance actions files in the logistics subsystem. All three incoming messages are initiated at a weekly interval per deployed tactical unit. The lengths vary from 240 characters for the Propulsion Unit Report (Message No. L-555) to 3,000 characters for the Maintenance Actions - Other Selected Systems Message No. L-1008.

Five incoming messages are required to maintain the critical items list file. These messages all have the Priority precedence requirement. The generation rule for these messages identify event-generated requirements. This event generation requirement involves the NORS special Report (Message No. L-550) where it is assumed that the message would be generated and sent to the logistics subsystem when the NORS crosses the threshold level of a assumed 5 percent. The character lengths vary from 120 characters to a 1000 characters.

One incoming message has been specified to maintain the critical item movement file. This message has a generating rule of a one per day per the critical item where it is assumed that there will be 50 such critical items in a max force deployment. In a similar manner, incoming resource status messages to the logistics subsystems are specified and correlated with the nine other data files. All incoming messages are generated by the deployed units and as such the generation rule is dependent upon the number of deployed units and on an assumed event-generated occurrences.

In summary, the logistics subsystem maintains 13 status type files which in turn require 42 incoming messages to maintain these files. Five messages have been grouped as miscellaneous status message which are not required to maintain status files. For example, the installation damage report is a special event message necessary for effective logistics subsystem operations.

3.2.2.3 Logistics Subsystem-D/O-TACC Interfaces

Table 3.2.2-2 lists the incoming and outgoing messages of the logistic subsystem interface with the D/O-TACC. Based on the assumption for separating these two interfaces it was assumed that the frag order planning and current operations functions performed at TACC would be identified with the TACC while the extended planning and tactical operations functions would be included in the D/O interface. It is realized that depending upon the force level, the TACC does incorporate the extended planning function.

There are no messages generated or going from the TACC or the D/O to the logistics subsystem. Outgoing messages from the logistics subsystem involve both a data on the current status of equipment availability in terms of system messages such as the Air List request (Message No. L-359) and specific types of deficiency or damage reports which are exemplified by the petroleum damage/deficiency report (Message No. L-363). The seven messages outgoing to the TACC all have the precedence P designation with generation rule specifying high reporting requirements up to three times a day. The messages generation rules are also based upon the number of the actual deployed units. One exception is the logistics status report which is based on the total AFFOR. The message lengths vary from 300 to 2000 characters.

The logistics subsystem messages outgoing to the D/O involve just four messages. These messages provide information for evaluation and planning purposes. The derived generation rules shows a variance of one to two per day per wing to account for the force level effects. Additionally the AFFOR monthly report is a requirement. Comparable Comm rates are measured on a daily, weekly or monthly basis per reporting unit as so indicated in the specifications.

Table 3.2.2-3 includes all operations messages incoming from and outgoing to non D/O-TACC interfaces. A large number of the messages (26) is required by the logistics subsystem in supporting the D/O-TACC. The operational types of incoming messages include the Commander Situation Report (Message No. L-201), the maintenance data detail cards (Message No. L-602) and the monthly maintenance data analysis message (L-616). Specifically, the operational data contained in these messages deals both with current information as well as planning information to support the D/O and TACC. These messages also provide information required to supervise and insure an effective maintenance/logistics operations within their own organizations. Message lengths vary from 100 characters to a maximum of 10,000 which is associated with a monthly maintenance data analysis message (Message No. L-658). The corresponding communication requirements per reporting unit vary

Table 3.2.2-1. Specifications for Logistics Status Messages for Non-D/O TACC Interfaces (Sheet 1 of 5)

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
Specifications for incoming logistics status messages from non D/O-TACC interfaces for updating files on Force Status and Capability					
	CURRENT STATUS FILE				
L514	Force Status Report	P	1/D/Wing	16K	16K/D/Wg
L543	A/C Status Report (includes contents from Msg No. 516, 517, 519, 522, and 523)	P	1/Sq/Day	1000	1000/D/Sq
		P	Plus 1/A/C/change availability not projected (5% of A/C 5/14/26)	Change: 50 characters	50/D/Sq
L542	Aerospace Vehicle Inventory Change	R	1/Wk/Sq	300	300/W/Sq (assumes weekly reports dist over 3 days)
L547	Weekly Vehicle Status Report	R	1/Wk/Wing and separate Sq	500	500/W/Wg
L525	Due in From Maintenance Report	P	1/Day/Sq	200	200/D/Sq
L555	Propulsion Unit Report	P	2/M/AB 1%/day assumed	4000	3000/M/AB
L554	Engine Data Variance Report	P	2/M/AB 1%/day assumed	1000	2000/M/AB
L533	Pylon Configuration Report	P	1/D/AB	500	500/D/AB
L544	Reconnaissance Sensor Report	P	1/W/Recc Sq	120	360/W/Recc Sq
L545	Selected Avionics Status Report	P	1/W/Sq per configuration change (5% assumed)	500	500/W/Sq
L534	Petroleum Damage/Deficiency Report	P	1/D/AB threshold change 10% assumed	500	500/D/AB
L537	Munition Loading Crew and Equipment Status Report	R	1/Wk/Sq and on threshold change	600	600/W/Sq
		P	10% assumed/day	80 characters	24/62/110
L546	Aerospace Ground Equipment Shortage/Overage	R	1/Wk/Sq and on threshold change	500	500/W/Sq
		P	10% assumed	60	42/108/192
L531	Aerial Port Equipment and Manning Report	R	1/Wk/AB and on threshold change	300	300/W/AB
		P	10% assumed	60	12/24/42

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Table 3.2.2-1. Specifications for Logistics Status Messages for Non-D/O TACC Interfaces (Sheet 2 of 5)

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
L552	TACS Facility Status Report (not same report as reported through Ops channels)	R P	1/W/TACS unit and on threshold change (10% assumed)	1000 60	1000/W/TACS unit 60/120/240
L540	Fire Fighting Vehicles Status (L557 subsumed under L514)	R P	2/Wk/AB and on threshold change	150 60	300/W/AB 12/24/42
L510	AFCs Unit and Equipment Status Report (includes L505)	R P	4/D/Sqd and on threshold change	200 60	800/D/Sq 12/24/42
L507	Ground Communications - Electronics Status Report (includes L506)		1/D/Comm Center threshold change (4 units/AB assumed)	200 60	200/D/Comm Center 48/96/168
Specifications for incoming logistics status messages from non D/O-TACC interfaces for updating files on Supply Levels					
L526	Selected Ammunition Status Report (includes L532 and L536)	R	1/D/Sq	100 char 110 types Ammo/Base assumed	100/D/Sqdn
L528	Selected Items Report (30 items/AB assumed)	R	5/D/AB	200	1000/D/AB
L551	Surplus/Deficiency Reports - Squadron (30 items/AB assumed)	R	1/W/Sq	1500	1500/W/Sq
L553	WRM Consumables Operational Exception (30 items/AB assumed)	R	1/M/AB	5000	5000/M/AB
L520	Daily Critical Items Report (10 critical items/AB assumed)	P	4/Day/AB	300 Char	1200/D/AB
Specifications for incoming logistics status messages from non D/O-TACC interfaces for updating files on Maintenance Actions					
L555	Propulsion Unit Report	R	2/M/AB and separate Sq	240	8000/M/AB
L556	Equipment Maint. Report of Communications Electronic and Photographic Equipment	R	1/M/Wg + 10 sub Sq assumed	5000	5000/M/Wg
L1008	Maintenance Actions - Other Selected Systems	R	1/Wk/Sq 10 Sq/Base assumed	3000	3000/W/Sq
Specifications for incoming logistics status messages from non D/O-TACC interfaces for updating files on Critical Actions/Critical Resources					
	CRITICAL ITEMS LIST				
L524	Aircraft NORM Assigned to Intermediate Maintenance	P	1/Day/Sq	120	120/D/Sq

Table 3.2.2-1. Specifications for Logistics Status Messages for Non-D/O TACC Interfaces (Sheet 3 of 5)

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
1.549	Weekly Engine NORS and AGE Rates	P	1/Wk/AB	1000	1000/W/AB
1.550	NORS Special Report	P	1/W/Sq when NORS crosses threshold level 10 percent assumed	500	500/W/Sq (1 Sq/ATFOR)
1.558	Material Status Shortfall	P	1/Unit/Deployment	Not counted in total	
1.521	Daily NORS Report	P	1/Day/Unit	3000	3000/DLP/Unit
1.1010	CRITICAL ITEM MOVEMENT FILE o Item o Schedule	P	1 per Day per critical item in file (50 assumed max force)	80	1000/2000/4000
1.1001	PROJECTED STATUS FILE Projected availability of: o A/C by MDS o Flying hours o Principle OGE o Principle MGE	P	1/Wk per Sq and other reporting unit (assume reporting unit is 4 times no. Squadrons)	300	3600/9258/16458
1.539	SCHEDULED ACQUISITION FILE Programmed Resource Replacement	P	Same as Msg L1001	300	3600/9258/16458
1.1002	BASE CAPACITY REPORT (FILE) Current Base Capacity (Supply) o Storage Availability o Handling Facilities o Opr personnel (by class/subclass of supply)	P	1/Wk per A/B	1000	3000/7713/13713
1.1003	TRANSPORT RESOURCES ABSTRACT Transportation Status Report, Ground o Authorized o Assigned o Possessed o Avail o Reason for non avail (by transport type)	P	1/Wk/AB and on change in threshold level (20 types Ground Vehicles/AB assumed)	1000 80	855/1710/3000 80/170/300

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Table 3.2.2-1. Specifications for Logistics Status Messages for Non-D/O TACC Interfaces (Sheet 4 of 5)

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
L1004	MAINTENANCE RESOURCES STATUS Maintenance Resources Status	P	1/Wk/Sq and on change in threshold level	400 60	1200/3090/5500 42/108/192
Specifications for incoming logistics status messages from non D/O-TACC interfaces for updating files on Use Rates					
L515	A/C HISTORY FILE Aerospace Vehicle Status (Maint and Opr Summary)	P	1/Day/Sq	600	600/D/Sq
L559	Propulsion Unit Operating Home Time and Reconciliation Report	R	1/Qtr/Base	5000	5000/Q/AB
L1005	MAJOR END ITEM HISTORY Item Groups <ul style="list-style-type: none"> o C - E - M Equipment o Radars o Ground Vehicles o Service Vehicles o OGE o OME Reporting <ul style="list-style-type: none"> o Operating Hours o Down time o Wait time o Report time 	R	1/Wk/Reporting Unit (80 reporting units/AB assumed)	200	28000/72000/128000
L538	CONSUMPTION RATES ON EXPENDABLES Fuel Capability and Status Report (includes C3A, C3W, and L541)	R	1/Wk/AB (6 types assumed)	600	600/W/AB
L535	USAF Ammunition Inventory and Activity Report	R	1/Wk/AB assume 30 types of ammo	720	720/W/AB
L1005	Consumption Rates on Other Resources Identified as Critical e.g. <ul style="list-style-type: none"> o LOX o Medications o Expendable Sensors 	R	1/Wk/AB assume 15 items	360	309/617/1080
L1006	WRM Spares Usage	R	1/Wk/AB assume 30 types	720	309/617/1080 29749 141992
MISCELLANEOUS STATUS MESSAGES					
L530	Installation Damage Report	P/I	1/Event/Unit	1000	1000/E/Unit
L560	Summary Card by ICTO	R	1/W/Base	480	480/W/Base
L501	A/C Battle Damage and Crash Report	P	1/Incident/Unit (1/unit assumed)	300	300/E/Unit

Table 3.2.2-1. Specifications for Logistics Status Messages for Non-D/O TACC Interfaces (Sheet 5 of 5)

Message No.	Message Title	PR1	Generation Rule	Nominal Characters	Communication Requirements
L503	Condition Inspection Report	R	Same as 501	200	400/800/1400
L1007	Supply Levels Below Threshold Level	P	Same as 501	200	400/800/1400
OUTGOING MESSAGES TO NON D/O-TACC INTERFACES					
L153	Repair Status Report	R	1/D/Wg	200	200/D
L156	Consolidated Materiel Status Report – AFFOR	R	1/WK/AFFOR	3200	3200/W
L157	Summary Card by TCTO Number	R	1/WK/AFFOR	1500	1500/W
L158	Disposal Status Report	R	1/WK/AFFOR	1200	1200/W
L452	TACS Status	P	1/D/Outage	200	200/D
L453	TACS Recovery	P	1/D/Recovery	200	200/D

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directly as the generation rule and are based on a daily, weekly or monthly basis.

Table 3.2.2-4 presents operations messages incoming to the logistics subsystem from the TACC relative to frag order planning and current operations. Only four messages are required. These messages are part of the operations reporting incoming from the subordinate elements and relayed through the TACC to the LSS. One exception to this is the special maintenance request message (Message No. L-308) which is an immediate request required by the TACC as maintenance problems arise.

Corresponding message generation rules define reporting frequencies at hourly, daily and on an as required basis. The one exception is the aircraft/aircrew loss report (Message No. L-310) which is an event generated message. The materiel support supply message (Message No. L-365) is the only daily outgoing operations message to the TACC required for frag order planning and current operations support. This is a short message of a 200 character length with a daily frequency reporting requirement.

Nine messages have been specified as incoming from the D/O relative to supporting the extended planning and tactical operation functions. These nine messages deal with requests for different planning type data or are copies of the actual operations plans or orders. The message generation rules are dependent upon a message frequency which can vary from twice daily to on a monthly basis. The message lengths vary from 250 characters to the largest length of 60,000 characters. This large message is the AFFOR deployment plans (Message No. L-317).

3.2.2.4 Personnel Subsystem Non D/O-TACC Interfaces

Table 3.2.2-5 lists all of the status messages exchanged

between non-D/O organizations and the personnel subsystem which are required to initialize and/or maintain the subsystem files and to generate the reports which are the responsibility of the D/P staff. Two daily messages are specified to maintain the personnel status file. These two messages are both daily and are a function of the deployed force levels. Message lengths vary from 600 to 1,500 characters. One incoming message is required from wing-squadron level elements to provide and maintain the personnel locator file. The Locator Cards Change (Message No. P-508) is a daily message having an 800 character average length with a precedence of routine. The critical skills file requires three different incoming messages, one on a weekly and two on a monthly basis. Message lengths vary from 600 to 9600 characters. The 9600 character lengths requirement is associated with the monthly Roster of Key Personnel message (Mes-

The messages generated and sent out by the logistics subsystem to D/O require nine different types of messages. In general, these messages contain input data required for planning or reporting on corrective actions which have been taken on certain materiel/logistics remedial events. The D/O also requires a Critical Items Report (Message No. L-458) as a fundamental input in performing the extended planning function. The message generation rules are a function of the message frequency and force levels. Message lengths vary from a short message of 50 characters for the approval of operations plan (Message No. L-358) to a 2000 character length Message associated with the weapons system AGE maintenance analysis report (Message No. L-367).

sage P-509). There are no incoming messages required to maintain the personnel input/output schedule file. This information can be derived from the position file. The key personnel background files can also be maintained from utilizing other files such as the personnel and critical skills

Table 3.2.2-2. Specifications for Status Messages: Logistic Subsystem-TACC (Frag Order Planning and Current Operations) and D/O (Extended Planning and TAC Operations) Interfaces

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
	Incoming Messages From TACC (Frag Order Planning and Current Operations) None				
	Incoming Messages From D/O (Extended Planning and Tactical Operations) None				
	Outgoing Message To TACC (Frag Order Planning and Current Operations)				
L359	Airlift Request	P	2/D/WG	500	1000/D
L360	Immediate Aircraft Availability - AFFOR	P	3/D/SQDN	500	1500/D
L361	Next Day Aircraft Availability - AFFOR	P	3/D/SQDN	500	1500/D
L362	AFFOR Airbase Status	P	2/D/AB	300	600/D
L363	Petroleum Damage/Deficiency Report	P	1/D/WG	1500	1500/D
L364	Installation Damage Report	P	1/D/WG	2000	2000/D
L366	Logistics Status Report (LOGSTAT)	P	1/D/AFFOR	1200	1200/D
	Outgoing Messages To D/O (Extended Planning and TACC Operations)				
L160	AFFOR Monthly NORS & AGE Rates	R	1/M/AFFOR	2000	2000/M
L351	Limiting Factors and Trend Report	P	1-2/D/WG	500	500-1000/D
L352	AFFOR Unit Materiel/Logistics Constraints	P	1/D/WG	800	800/D
L357	Log Annex (for planning purposes)	P	1/WK/AFFOR	3000	3000/W

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files. In summary the personnel subsystem requires 14 incoming status messages in order to maintain nine files.

Table 3.2.2-6 presents the message specifications for operations incoming and outgoing messages for the personnel subsystem-non D/O-TACC interfaces. These are the same subordinate/higher/lateral command interfaces as identified previously for the logistics subsystem. The personnel subsystem requires 13 different messages from the non D/O-TACC interfaces in order to provide the data required to support the D/O-TACC requirements. These operational messages are also utilized in maintaining effective personnel subsystem operations in a deployed area. Examples of the operational messages required to support the TACC include the critical personnel shortage message (Message No. P-601) and the personnel corrective/remedial action request message (Message No. P-608). Operations messages required for personnel planning and deriving personnel planning factors include messages such as the commander situation report (Message No. P-201) and command guidance unit 'C' rating determinations (Message No. P-202). The precedence of these thirteen messages vary from the routine category to the immediate category. Message generation rules are all a function of both the frequency reporting requirement and of the deployed force levels. The unit identification system report (Message No. P-610) is an

event generated message. The aircraft and aircrew loss report (Message No. P-602) is a direct function of the tactical air combat activity and corresponding loss rates. The nominal message lengths vary from 200 characters to 2400 characters. Communication requirements were determined to be as low as 20 characters per loss sortie to as high as 6000 characters per day.

Personnel subsystem operations messages to the non D/O-TACC are defined by 4 different types. These messages either involve coordination, definition of critical personnel sorties or requisitions requests/remedial action requirements. The command coordination (Message No. P-551) can have different precedence attached to it depending upon the particular information involved in the coordination. This is also true for the Institute Personnel Remedial Action (Message No. P-651) which can take either a priority or routine category again depending upon the urgency of the incident involved. All four messages have generation rules based both on the frequency of reporting as well as the force level. The one exception is the Institute Personnel Remedial Action message which is an event-generated request which is on an as-required basis. The average or nominal message lengths vary from 400 to 800 characters.

Table 3.2.2-3. Specifications for Operations Messages; Logistic Subsystem Non D/O TACC Interfaces

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements*
Incoming Messages from Non D/O – TACC Interfaces					
L101	Airlift Allocation Report – DSD	R	1/month/AFFOR	600	600/M
L102	Command Policies & Directives – Material – DSD	R	1/day/AFFOR	600	600/D
L103	Stock Number User Directory Report – TTSA 65	P/R	1/D/Event	60	60/D
L201	Commanders Situation Report (SITREP)	P	1-3/D/AFFOR	1000	1-3K/D
L202	Command Guidance, Unit "C" rating determinations	R	1/M/AFFOR	600	600/M
L402	Special Mission Requests	P	1/day/Airbase	400	400/D
L403	Staff Coordination – DSD	P/R	10/day/Wing	500	5000/D
L404	Administrative Data	R	1/D/Element	500	500/D
L406	Request for Materiel Support Capabilities/Alternative	P/R	4/D/Wing	300	1200/D
L613	Summary Card by TCTO Number	R	1/WK/AB	480	480/W
L601	Supply Activity (M Rating) Report	R	1/D/SQDN	1000	1000/D
L602	Maintenance Data Detail Cards	R	1/D/Maint. Action	5000	5000/D
L603	Aerial Port Operations Report	R	3/D/AP	1000	3000/D
L604	Corrective Action Progress Report – Materiel	P/R	1/D/WG	400	400/D
L605	Cargo Channel Traffic Airlift Requirement	R	1/WK/AB	300	300/W
L606	Passenger Channel Traffic Airlift Requirement	R	1/WK/AB	300	300/W
L607	War Readiness Space Kit (WRSK) Report	P	1/WK/AB	1500	1500/W
L608	Report of Supportability of War Readiness Spaces	R	1/WK/Unit	500	500/W
L609	Aviation Fuel Consumption	R	1/WK/AB	600	600/W
L-610	Estimated Requirements for Liquid & Gases Breathing Oxygen	R	1/WK/SQDN	500	500/W
L611	Request for Maintenance Armistance	R/P	1/WK/SQDN	500	500/W
L612	Problem Report – Squadron	P/R	1/WK/SQDN	1000	1000/W
L614	Monthly Inventory Transaction Report	R	1/M/AB	1000	1000/M
L615	Controlled Mission Equipment Report	R	1/M/Unit	1500	1500/M
L616	Monthly Maintenance Data Analysis	R	1/M/WG	5000	5000/M
L617	Aircraft Maintenance & Personnel Related Data	R	1/M/SQDN	2000	2000/M
L618	Motor Vehicle Maintenance Manhour Summary	R	1/M/AB	5000	5000/M
Outgoing Messages to Non D/O – TACC Interfaces					
L151	Critical Item Report	P	2/D/Wing	400	800/D
L152	AFFOR Summary Maintenance Status Report	P	1/D/AFFOR	2400	2400/D
L154	Aircraft Battle Damage & Crash Weekly Summary	P	1/W/AFFOR	600	600/W
L155	Consolidated Materiel Performance Reports – AFFOR	R	1/W/AFFOR	3200	3200/W
L658	Monthly Maintenance Data Analysis – AFFOR	R	1/M/AFFOR	10,000	10K/M
L455	Staff Coordination	P/R	10/D/Wing	500	5000/D
L454	Staff Overhead Traffic	R	4/D/Wing	500	2000/D
L456	Special Materiel Support Capabilities Report	P	2/D/AFFOR	300	600/D
L651	Pertinent Critical Item Reporting Requirements	P	2/D/TACS Ele	200	400/D
L652	Selected Item Reporting Requirement	P	2/D/CRC	100	200/D
L653	Corrective Action Directive	P/R	1/D/Wing	1000	1000/D
L654	Miscellaneous Traffic	R/P	10/D/RITS	600	6000/D
L655	TACS Maintenance Schedule	P	1/W/TACS Ele.	2400	2400/W
L656	AFCs Maintenance Schedule	P	1/W/AFCs Ele.	1500	1500/W
L657	Consolidated Surplus/Deficiency Bulletin – AFFOR	R	1/W/AFFOR	3000	3000/W
L159	Monthly Maintenance Data Analysis – AFFOR	R	1/M/AFFOR	10,000	10,000/M
* Per reporting element.					

Table 3.2.2-4. Specifications for Operations Messages: Subsystem-TACC (Frag Order Planning and Current Operations) and D/O (Extended Planning and TAC Operations) Interfaces

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements *
	Incoming Messages from TACC (Frag Order Planning and Current Operations)				
L306	Materiel Support Inquiry - DSD	P	1/D/NSN	200	200/D
L308	Special Maintenance Requests - Immediate - DSD	I	2/D/Air Base	400	800/D
L310	Aircraft/Aircrew Loss Report (LOSREP) - TSA 417	I	1/Loss	500	500/E
L311	Operations Event/Incident Report (OREP-3)	I,E	1/D/Wing	1500	1500/D
	Outgoing Messages To TACC (Frag Order Planning and Current Operations)				
L365	Materiel Support Reply	P	1/D/MSN	200	200/D
	Incoming Messages from D/O (Extended Planning and TAC Operations)				
L301	Request for Limiting Factors, Trends & Operations Data	P/R	2/D/AFCCP	250	500/D
L307	Resources Coordination - TTSA 022	P	1/D/SQDN	800	800/D
L312	Request for Site Survey	P/R	1/WK/Wing	200	200/W
L313	Recommended Force Allocation List - TTSA 001	I	1/WK/Wing	1000	1000/W
L314	Request for Log Annex to an Ops/Mobility Plan	P/R	1/WK/Wing	300	300/W
L315	Operations Plan/Orders, AFFOR	P	1/WK/Wing	5000	5000/W
L316	Operations Plan Approval	P	1/WK/Wing	100	100/W
L317	AFFOR Deployment Plans DSD	P	1/M/Plan	60,000	60,000/M
L401	Request for Materiel Support Alternatives	P	1/D/AFCCP	300	300/D
	Outgoing Messages To D/O (Extended Planning and TAC Operations)				
L353	Materiel/Logistics Remedial-Corrective Action Report	P,R	1/D/Wing	1000	1000/D
L354	Passenger & Cargo Channel Airlift Forecast	R	1/D/Wing	1500	1500/D
L355	Site Survey Report	P	1/WK/AFFOR	1000	1000/W
L356	Changes in Plans and Procedures	R	1/WK/AFFOR	600	600/W
L358	Approval of Operations Plan	P	1/Plan/AFFOR	50	50/W
L367	Weapon System AGE Maintenance Analysis	R	1/WK/Wing	2000	2000/W
L451	Command Policies & Directives - Materiel	R	1/D/Wing	1600	1600/D
L457	Maintenance Priority List	R	1/D/AFCCP	600	600/D
L458	Critical Items Report	P	1/D/AFCCP	1000	1000/D

*Per reporting element

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3.2.2.5 Personnel Subsystem D/O-TACC Interfaces

There are no personnel subsystem status messages exchanged with the D/O staff. This fact is reiterated and shown in Table 3.2.2-7. There are also no incoming operations messages from TACC as indicated in Table 3.2.2-8. The D/O in performing the extended planning and tactical functions, however, does send three types of messages to the personnel subsystem. The two daily messages involve a situation report (Message P-201) and the operational data requirement/request message. The third message is the AFFOR Deployment Plan which is a monthly report. This

AFFOR deployment plan is a large report with an estimated 60,000 characters.

The personnel subsystem does not generate any operations messages for transmittal to the TACC. There are PSS outgoing messages to other D/O elements. Four messages have been defined to meet the data interchange requirements. The types of data involved include plan forecasting data which is exemplified by the personnel twin forecast message (Message No. P-351). A command support message includes the Personnel Remedial Action Report (P-352). The generation rule for all four messages is based on the frequency of reporting and the deployed force reporting

Table 3.2.2-5. Specifications for Incoming Personnel Operations Messages for Non D/O-TACC Interfaces

Message Number	Message Title	PRJ	Generation Rule	Nominal Characters	Communication Requirements*
P501 P504	FORCE PERSONNEL STATUS FILE Personnel Status Report Contingency TDY Reporting	P/I P	1/D/WG 1/D/Unit	1500 1000	1500/D/WG 1000/D/WG
P508	PERSONNEL LOCATOR FILE Locator Cards Change	R	1/D/WG	800	800/D/WG
P510 P514 P515	STATUS DETAIL FILE Weapons Director Training and Qualification Report Small Arms Training and Qualification Report Daily Medical Status Report (MEDREP)	R R R	1/M/AC&W Unit 1/Q/BASE 1/D/BASE	2400 2400 1800	2400/M/AC&W Unit 2400/Q/BASE 1800/D/BASE
P1001	FLYING PERSONNEL HISTORY FILE Report of Pilots	R	1/WK/SQDN	3000	3000/WK/SQDN
P509 P511 P513	CRITICAL SKILLS FILE Roster of Key Personnel Munitions Loading Crew and Equipment Status Report Intelligence Personnel Status Report	P P R/P	1/M/Unit 1/W/Unit 1/M/Unit	9600 600 800	9600/M/Unit 600/W/Unit 800/M/Unit
P1002	PROJECTED STATUS FILE Unit Projected Gains/Losses Report UNIT ORGANIZATION FILE Derived from Unit Contingency Plan KEY PERSONNEL BACKGROUND FILE Derived from individual's personnel file and critical skills file.	R	1/D/Unit	480	480/D/Unit
P506 P507 P101	MISCELLANEOUS PERSONNEL STATUS MESSAGES Personnel Reports Personnel Status Changes Personnel Deployment Report (PERSDEP)	P P P	2/D/WG 1/D/Unit 1/Deployed	12000 2400 200	24000/D/WG 2400/D/Unit 200/Deployment
P152 P155 P156 P157 P158 P159 P160 P251 P451	OUTGOING MESSAGES TO NON D/O-TACC INTERFACES Personnel Status Report Medical Emergency Report (MEDMER) Daily Medical Status Report (MEDREP) Medical Contingency Report Personnel Deployment Report Civilian Personnel Strength Report Force Status Report (FORSTAT) SITREP (Personnel Situation Report Item) Unit Identification System Report (UCODES)	P,I P R P P R P I,P R	1/D/WG 0-2/D 1/D 1/D 1/Deployment/ WG 1/W/WG 1/M/A1:TOR 1-3/D 1/Occurrence	1500 600 1800 1800 6000 400 16000 4000 320	1500/D 1200/D 1800/D 1800/D 6000/N 400/W 16000/M 12000/D 320/I

*Per reporting element.

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Table 3.2 2-6. Specifications for Incoming Personnel Operations Messages for Non D/O-TACC Interfaces

Message Number	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
PERSONNEL PLANNING FACTORS FILE					
P605	Personnel Readiness System	R	1/D/Unit	600	600/D/Unit
PERSONNEL REQUESTS FILE					
P601	Critical Personnel Shortage	P	1/D/WG	200	200/D/WG
P604	Request for AFCCP Assistance in Personnel Problems	R/P	1/D/WG	500	500/D/WG
P608	Personnel Remedial/Corrective Action Request	P/R	1/D/WG	600	600/D/WG
NON-FILE INCOMING MESSAGES FROM NON D/O-TACC INTERFACES					
P201	Commander's Situation Report (SITREP)	I, P	1/D/WG	1000	1000/D
P202	Command Guidance Unit "C" Rating Determinants	R	1/M/AF OR	600	600/M
P602	Aircraft and Aircrew Loss Report (LOSREP)	I, P	.02/Sortie	1000	20/S
P603	Command Coordination	R/P/I	5/Day/Wing	1200	6000/D
P606	Personnel Operations Summary Report	R	1/W/Unit	2400	2400/W
P607	Aircrew Training Report	R	1/M/WG	2400	2400/M
P609	Intelligence Training Report	R/P	1/M/Unit	1000	1000/M
P610	Unit Identification System Report	R	1/Occurrence/Unit	400	400/E
P611	Combat Control Team Training and Equipment Status Report	R	1/M/AP	2400	2400/M
OUTGOING MESSAGES TO NON D/O TACC INTERFACES					
P151	Command Coordination	R,P,I	5/D/WG	500	2500/D
P153	Critical Personnel Shortage	P	1/D/WG	400	400/D
P154	Personnel Requisition	R	1/D/WG	800	800/D
P651	Institute Personnel Remedial Action	P/R	AR	600	600/E

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Table 3.2.2-7. Specifications for Status Messages; Personnel Subsystem-TACC (Frag Order Planning and Current Operations) and D/O (Extended Planning and TAC Operations) Interfaces

Message Number	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
	Incoming Messages to TACC – None				
	Incoming Messages to D/O – None				
	Outgoing Messages from TACC – None				
	Outgoing Messages from D/O – None				

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Table 3.2.2-8. Specifications for Operations Messages; Personnel Subsystem-TACC (Frag Order Planning and Current Operations) and D/O (Extended Planning and TAC Operations) Interfaces

Message No.	Message Title	PRI	Generation Rule	Nominal Characters	Communication Requirements
	Incoming Messages From TACC (Frag order planning and Current operations)				
	None.				
	Incoming Messages From D/O (Extended Planning and TAC operations)				
P201	Commander's Situation Report (SITREP)	I,P	1/D/WG	1000	1000/D
P301	Operations Data Requirement/Request	R/P	2/D/WG	250	500/D
P302	AFFOR Deployment Plan	P	1/M/Plan	60000	60000/M
	Outgoing Messages To TACC (Frag order planning and Current Operations)				
	None.				
	Outgoing Messages To D/O: (Extended Planning and TAC operations)				
P351	Personnel Trend Forecast	R	1/D/WG	500	500/D
P352	Personnel Remedial Corrective Action Report	P/R	1/D/WG	600	600/D
P353	AFFOR Unit Personnel Constraints	P	1/W/WG	3200	3200/W
P354	Personnel Annex; AFFOR Operations Plan	I/P	1/W/WG	1200	1200/W

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units. The message lengths vary from 500 to 3200 characters.

3.2.3 Message Traffic Characteristics

Determination of the PLSS message traffic characteristics has been accomplished as the final step in this analysis effort. The primary traffic characteristics analyzed here include the mean number of messages, the mean message lengths, and the maximum data volume requirements based on the assumed minimum, medium

and maximum force levels. All five of the principle personnel and logistics subsystems interfaces were used in describing the message traffic.

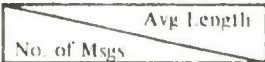
Tables 3.2.3-1, 3.2.3-2, and 3.2.3-3 present the mean number of messages to be exchanged on a daily basis and the expected mean length of a message in characters for both the personnel and logistics subsystems interfaces at the minimum, medium and maximum force levels respectively. The daily message count was

determined on a monthly basis to include all frequency of reporting requirements. The only exceptions were certain monthly messages which are indicated on the tables. The message traffic characteristics are also indicated by communication media. Allocation of messages to the different communications media has been made based on message input/output requirements and existing and planned systems requirements relative to the TACC capability in the Post-1975 time period. Figure 3.2.3-1 illustrates a representative current AFFOR communications system configuration for the TACC and the AFCCP with an associated Control and Reporting Center (CRC) and typical tactical units. The notation in this figure indicates tie lines for separated or collated CRC, TACC and AFCCP installations. The subsequent analysis and identification of deficiencies and recommended solutions will require the definition and evaluation of the capabilities of both the current configuration and a possible future configuration which meets the message and traffic requirements identified in this effort.

An examination of the calculated mean number of messages and message lengths by interface quickly identifies the heaviest traffic requirements for both subsystems. This heavy interface, as expected, involves reporting of logistics and personnel data from the

subordinate AFFOR elements through the corresponding subsystems. The logistics subsystem has the heaviest incoming message traffic. The supporting data indicating its heavy load includes a total of 344 messages which will be incoming to the logistics subsystem during a 24 hour period at the minimum force level. Ninety percent of the messages will be over digital channels. The personnel subsystem subordinate AFFOR element interfaces require 99 messages with approximately 90 percent of them being digital. The next most heavily burdened interface was determined to be the logistic subsystem D/O(TACC) interface for LSS incoming messages. In this case, the total number of messages per day is 159. The 90 percent digital requirements again remains for this interface. The same two interfaces that were previously discussed also are involved with the longest mean message lengths. The longest expected message length is 4,620 characters for incoming messages to the LSS from subordinate AFFOR elements. The mean number of messages approximately double as the force level increases from minimum to medium and then doubles again from medium to maximum deployments. It was found that the effect of the force levels on the mean length of messages was not pronounced for a majority of the messages. One example of where there was an effect involved the incoming messages from the D/O-TACC

Table 3.2.3-1. Mean Message Number (Per Day) and Length (Characters) for Personnel and Logistics Subsystems Interfaces at a Minimum Force Level

PLSS Interface	PLSS		Personnel SS*				Logistic SS*			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commands	X			200 1			60 10	600 1		
		X	6270 2	6000 2/M	500 10		1120 4	400 4	500 20	10,000 1/M
AFFOR Commander	X					995 2				995 3
		X	400 3							1000 1
D/O - TACC	X				250 2		547 142		715 15	915 2
		X	756 4				760 27		200 33	591 5
Other AFCCP Staff	X								494 29	310 8
		X	320 1				200 10		500 8	300 1
Subordinate AFFOR Elements	X		1750 87		1080 12		430 300	4620 18	268 25	1302 1
		X	600 2				858 36	237 10	600 5	
*LEGEND 										

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Table 3.2.3-2. Mean Message Number (Per Day) and Length (Characters) for Personnel and Logistics Subsystems at a Medium Force Level

PLSS Interface	PLSS		Personnel SS*				Logistic SS*			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commander	X		—	200 1	—	—	60 40	600 2	—	—
		X	6270 5	6000 4/M	500 20	995 4	1120 7.4	400 8	500 40	10,000 2
AFFOR Commander	X		—	—	—	—	—	—	—	995 6
		X	400 6	—	—	—	—	—	—	1000 2
D/O TACC	X		—	—	250 8	—	490 370	—	750 30	945 4
		X	756 9	—	—	—	870 53	—	200 78	595 10
Other AFCCP Staff	X		—	—	—	—	—	—	494 60	214 16
		X	320 1	—	—	—	200 14	—	500 16	300 2
Subordinate AFFOR	X		1770 195	—	1080 24	—	411 670	4374 39	265 36	1444 2
		X	600 4	—	—	—	800 70	252 14	600 10	—
*LEGEND:			<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="display: flex; justify-content: space-between; width: 100%;"> Avg Length No. of Msgs </div> </div>							

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to the logistics subsystem. For these incoming messages the expected length varied from a mean length of 960 characters at the minimum force level to 530 characters for the maximum force level. The reason for the decrease in expected message length with increased force size is the increase in the relative number of short messages at the larger force level.

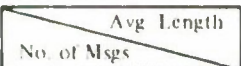
Table 3.2.3-4, 3.2.3-5, and 3.2.3-6 present the maximum communication volumes by communication media for the personnel and logistics subsystems at the minimum, medium and maximum force level respectively. The maximum communication rates were purposely made to represent this maximum worst case condition by assuming that all weekly messages are sent on a single day. The monthly messages were assumed to be capable of being scheduled and transmitted over a period of seven days within the month and were therefore reduced by a factor of one-seventh.

The communication rates have been calculated and presented in these tables in terms of characters per day. It is recognized that another analytical step must be taken to transform these characters per day into a character per hour type requirement and then to a channel requirement based upon each medium's channel rate capabilities. It is also noted and indicated on

the table that a few messages were not indicated on a per day basis but on a monthly basis. These were so identified in each table.

The largest traffic requirement of 213,750 characters per day is required for incoming messages from the subordinate AFFOR elements to the logistics subsystem. The personnel subsystem for the same interface has a communication rate requirement of 169,780 characters per day. The total communication rate requirement over all media are 352,321 characters per day for incoming messages and 101,900 characters per day for outgoing messages from the LSS. The equivalent total communication range over all medium for the PSS was determined to be 172,566 characters per day for incoming messages with only 47,610 characters per day for outgoing messages. The force level effects on the maximum communication rates were found to vary from approximately 1.4 to a factor greater than 3 in going from the minimum to the medium to the maximum force levels. At the maximum force level, the comparable total communication requirements over all communication media was calculated to be 1,571,314 characters per day for incoming messages to the logistics subsystem. The comparable rate for outgoing messages from logistics subsystem is 320,400 characters per day.

Table 3.2.3-3. Mean Message Number (Per Day) and Length (Characters) for Personnel and Logistics Subsystems Interface at a Maximum Force Level

PLSS Interface	PLSS		Personnel SS*				Logistics SS*			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commander	X			200 1			60 60	600 3		
		X	6270 8	6000 7/M	500 35		1050 12	400 14	500 70	10,000 3
AFJ OR Commander	X			995 7						995 9
		X	400 10							1000 3
D/O TACC	X				250 14		530 13		575 52	1050 7
		X	756 16				881 89		200 108	584 18
Other AFCCP Staff	X								486 106	312 28
		X	320 1				200 20	300 3	500 28	
Subordinate AFJ OR Elements	X		1630 350		1080 42		420 1170	4498 69	276 55	1431 4
		X	600 7				804 106	255 20	600 20	
*LEGEND 										

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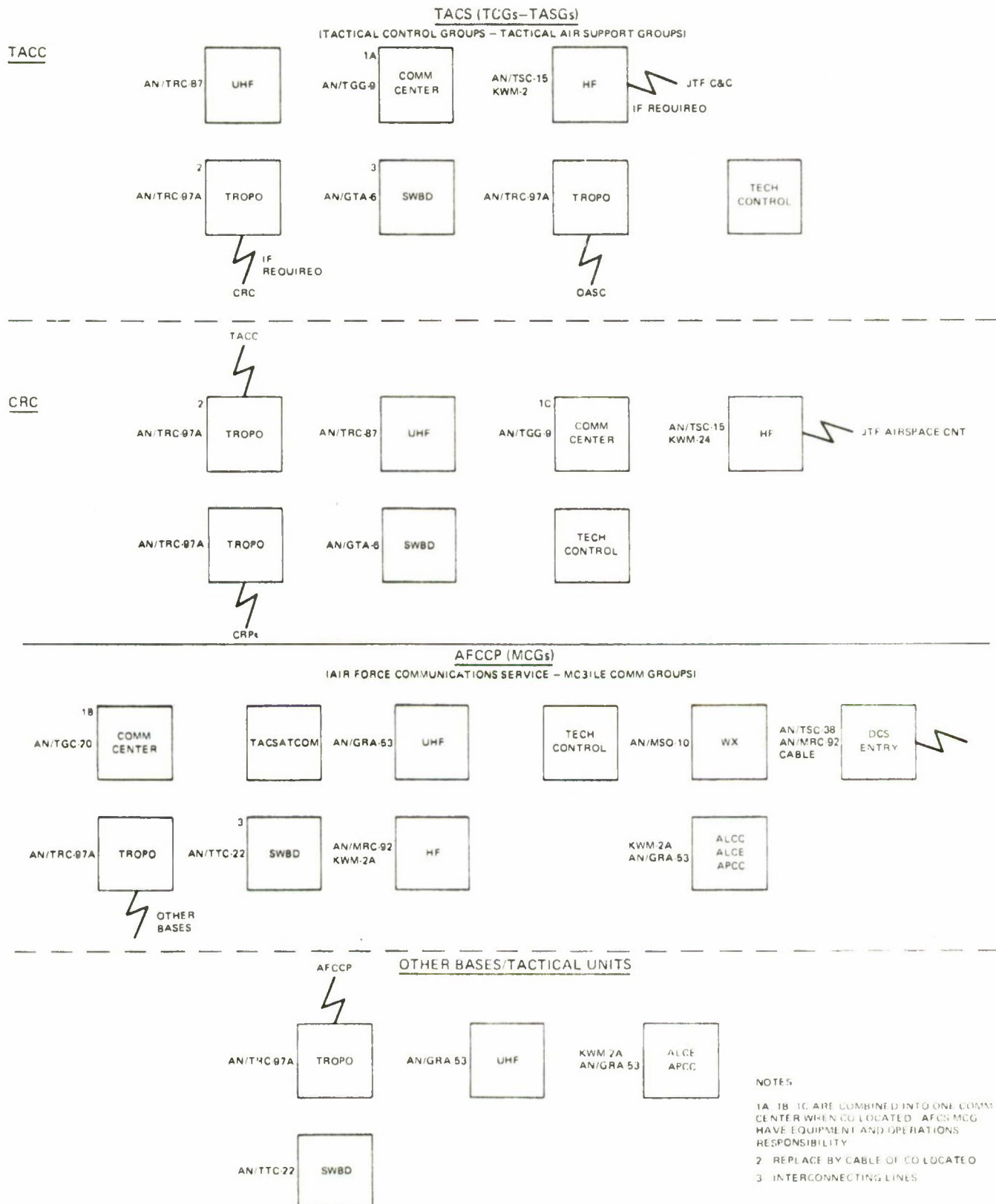


Figure 3.2.3-1. PLSS AFFOR Communications Interface Baseline

Table 3.2.3-4. PLSS Maximum Communication Rates for the Minimum Force Level (Characters per Day)

PLSS Interfaces	PLSS		Personnel SS				Logistic SS			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commander	X		-	200	-	-	1,200	686	-	-
		X	16,890	12,000	5,000	-	12,800	1,600	10,000	1,500
AIFOR Commander	X		-	-	-	2,086	-	-	-	3,086
		X	1,200	-	-	-	-	-	-	1,000
D/O - TACC	X		-	-	500	-	11,471	-	10,700	16,800
		X	11,000	-	-	-	29,800	-	6,600	6,600
Other AFCCP Staff	X		-	-	-	-	-	-	14,300	17,128
		X	320	-	-	-	2,000	-	4,000	300
Subordinate AIFOR Elements	X		156,780	-	13,000	-	102,770	96,540	12,040	2,400
		X	1,200	-	-	-	17,700	5,000	3,000	-
Total Rate	X		156,780	2,286	13,500	2,086	189,341	97,226	26,340	39,414
		X	30,610	12,000	5,000	-	62,300	6,600	23,600	9,400

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Table 3.2.3-5. PLSS Maximum Communication Rates for the Medium Force Level (Characters per Day)

PLSS Interfaces	PLSS		Personnel SS				Logistic SS			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commander	X		-	200	-	-	2,400	1,372	-	-
		X	32,780	24,000	10,000	-	25,600	3,200	20,000	3,000
AIFOR Commander	X		-	-	-	4,172	-	-	-	6,172
		X	2,400	-	-	-	-	-	-	2,000
D/O - TACC	X		-	-	2,000	-	23,443	-	22,500	22,800
		X	22,000	-	-	-	59,600	-	15,600	13,200
Other AFCCP Staff	X		-	-	-	-	-	-	29,600	35,400
		X	320	-	-	-	2,800	-	8,000	600
Subordinate AIFOR Elements	X		380,200	-	26,000	-	361,882	196,480	23,440	4,800
		X	2,400	-	-	-	27,700	8,800	6,000	-
Total Rate	X		380,200	200	28,000	4,172	563,725	197,852	75,540	69,172
		X	59,900	24,000	10,000	-	115,700	12,000	49,600	18,800

00878-4B

Table 3.2.3-6. PLSS Maximum Communication Rates for the Maximum Force Level (Characters per Day)

PLSS Interfaces	PLSS		Personnel SS				Logistic SS			
	To	From	Digital	TTY	Voice	Other	Digital	TTY	Voice	Other
Higher/Lateral Commander	X		—	200	—	—	3,600	2,058	—	—
		X	57,970	42,000	17,500	—	38,000	5,600	35,000	4,500
AIFOR Commander	X		—	—	—	7,258	—	—	—	9,258
		X	4,200	—	—	—	—	—	—	3,000
D/O – TACC	X		—	—	3,500	—	36,614	—	39,800	39,600
		X	38,500	—	—	—	101,400	—	21,600	20,800
Other AFCCP Staff	X		—	—	—	—	—	—	51,600	61,428
		X	320	—	—	—	4,000	—	14,000	900
Subordinate AIFOR Elements	X		648,546	—	45,500	—	605,336	345,340	40,280	8,400
		X	4,200	—	—	—	46,600	13,000	12,000	—
Total Traffic	X		648,546	200	49,000	7,258	973,550	347,398	131,680	118,686
		X	105,190	42,000	17,500	—	190,000	18,800	82,600	28,400

00878-2B

SECTION 4 CONCLUSIONS

4.1 PLSS DATA INTERFACE SPECIFICATION

Functionally, the interface between the personnel and materiel staffs and the portions of the Operations staff that supports war planning and extended planning is the interface most evident in the current system. The analysis of the functional requirements leads to the conclusion that it is also the most significant support requirement. The message traffic on the interface is, however, not high. The incoming messages consist of requests for support to planning and the outgoing messages are estimates of capability or deficiencies or other response to the input. The significance of the PLSS-OPS interface is that the PLSS requires a significant data base and processing capability to provide effective and timely response.

Analysis of the current systems reveals little or no direct interface between the personnel and materiel staffs and the operational (TACC) functions of frag order planning and mission monitoring and adjustment. Analysis, however, revealed requirements which were not satisfied. With respect to frag order planning, interviews with Air Force personnel with South East Asia experience revealed that problems materialized because the TACC would allocate missions to units such that the mission requirements were not compatible with the state of the unit resources (pylon configuration was one case in point, munitions another). The need for the TACC to be able to evaluate plan details is therefore considered to be validated by operational experience, since the observation has been that TUOC/TUCP evaluation and feedback was an excessively time consuming process. The requirement for such support to the TACC was included in the interface analysis. As was the case in support of extended planning, the message traffic between the TACC and current operations to provide such support was small. To provide effective support, however, such detailed data on the status of resources needs to be immediately available to the TACC.

A second functional requirement, closely related to extended planning, emerged from the analysis. The capability of the operations staff of the AFCCP including the TACC to rapidly respond to operational requirements to relocate source and mission essential resources appears to be totally lacking. To exploit the capability and mobility of a deployed force and to avoid excess levels of support for low density systems, such a capability is required. The message traffic between the TACC and the PLSS to satisfy such requirements is again small. The significance of the interface is that it imposes on the PLSS the requirement to

maintain detailed and current status on critical resources or services that is, of personnel and materiel. This requirement was included and is reflected as file requirements for the PLSS and communications requirements between the PLSS and subordinate units.

From a communications viewpoint, the PLSS interface with subordinate units of the AFCCP is the most significant interface. The approach to establish, in detail, the communications requirements on this interface was to establish first the PLSS data base file requirements. Then, currency requirements were considered and the messages and message rates which were required to create and maintain the data base were established. The objective was to provide daily update on current status with selected resource status reported on change whenever resource levels crossed a threshold level. Weekly reporting was generally adopted for data on activity levels or use rates which were needed to project force capability and adjust planning factors. The message traffic derived using such assumptions satisfied the PLSS data base requirements with only a modest amount of message traffic; approximately one hour per day per base for the combined personnel and materiel traffic.

The other PLSS interfaces in direct support of operations were primarily with the next higher echelon of command; most specifically with the Logistics Readiness Center (LRC) and Personnel Readiness Center (PRC) of the parent and controlling MAJCOMs. This interface imposed no significant additional communications or data base requirements. The most significant message traffic on this interface, measured in terms of message traffic volume, related to the functional requirement to supervise and control personnel and materiel operations. The associated processing requirement was report generation. In this area there is the requirement to interface with MAJCOM automated processing systems. This was reflected in the interface analysis by developing reporting procedures, and the associated reporting messages for all interfaces so that compatibility with the current CONUS reporting system was achieved.

4.2 IMPACT OF DATA INTERFACE REQUIREMENT SPECIFICATION ON PLSS CONCEPT OF OPERATIONS

There are three aspects of the interface requirements that impact on the PLSS concept of operations, namely: (1) the integration of personnel and materiel reporting in the service areas, (2) the close relationship between the functions 'support operations' and 'supervise and monitor personnel and materiel operations,' and (3) the data base and associated processing

requirements dictated by the functional requirements which imposed the interface requirements. The PLSS study, which was organized in separate tasks for personnel and materiel, did not specifically address the integration of personnel and materiel reporting and resources management. Still, it was clearly revealed in the service areas.

In the service areas of maintenance, transportation, intelligence, medical, etc., materiel resource status and the associated status of service personnel were included in a single report. Management of services clearly involves the integrated management of allocated materiel and personnel resources. Other more tenuous data indicates that the primary personnel support to operations, long range planning excepted, is through the materiel staffs and other service staffs. This aspect of the personnel and materiel functions will be addressed in greater detail in the next report of the study, Personnel and Logistics requirements Analysis.

The second aspect of the data interface requirements in relation to the concept of operations of the PLSS is the close relationship of the functional requirements to 'support operations' and to 'monitor and supervise personnel and materiel operations.' Indeed, the whole purpose of the personnel and materiel staff as it relates to 'monitor and supervise' is to insure effective personnel and materiel operations responsive to the mission requirements. In this context, the functions are inseparable. When these functions are addressed separately, as they were in this study, it is clear that the capability required to provide more effective support to operations concurrently provides the capability to provide more effective monitoring of the operation of the lower echelon personnel and materiel operations.

The final aspect affecting concept of operations, the requirements to analyze and process the input data to provide required outputs, is a primary consideration of the next CDRL, Personnel and Logistics Requirements Analysis. The requirements to be compatible with automated MAJCOM systems will be another constraint.

4.3 IMPACT OF POST-1975 AFFOR/AFCCP ENVIRONMENT

There are two principle aspects of the post-1975 environment that will impact significantly on the PLSS; (1) the post-1975 automated TACC and (2) the developing force capability as it relates to system capability and mobility. The post-1975 automated TACC and the associated data link interface between

the TUCPs/TUOCs and the AFFCP will significantly impact the PLSS. On the one hand automation of the TACC will provide within the TACC the capability to assess, in more detail as appropriate, the status of all resources required by subordinates to implement allocated aircraft missions. Such additional detail needs to be provided either through personnel and materiel reporting channels or by increasing reporting requirements over operational reporting channels, or both. The developing force capability and mobility clearly imposes on operations and all supporting staffs, most especially personnel and materiel, the requirement to rapidly plan and implement relocation of combat units and their associated service units, or services only as required. A rapid response capability within the personnel and materiel staffs is clearly indicated.

4.4 SPECIFIC CONCLUSIONS ON COMMUNICATIONS INTERFACE REQUIREMENTS

The interface with operations, including AFCCP Commander, War Planning and Extended Planning is implemented using voice or hard copy communications media and imposes no significant performance requirements. Assuming an automated TACC in the Post-1975 environment, and an automated PLSS data base, certain messages between the TACC and the PLSS are suitable for digital transmission. This requirement, should it be developed, will impose significant interface requirements between the PLSS and the TACC. Other communications will be voice or hard copy.

Measured in terms of numbers of messages, the interface of the AFCCP staffs with subordinate units is communication interface. Still, the total communications requirements are not high; varying from approximately 40 minutes per day per base at the minimum force levels [Teletype (TTY) speeds, 10 characters per second for both digital and TTY traffic assumed] to 84 minutes per day per base at the maximum force levels. Assuming digital data links, link utilization for both the digital, and TTY links would be low. Communications compatibility is the primary interface constraint.

While the communications to higher echelons is comparable to the communication with subordinate units in the personnel area, the number of messages are few. In the logistics area, the message traffic is low. No significant constraints are imposed except the requirement to be compatible with Automatic Digital Network (AUTODIN) or other digital links and, from a message format point of view, to be compatible with MAJCOM automatic data processing systems.

APPENDIX I
PLSS
MESSAGE CATALOG

APPENDIX I

PLSS MESSAGE CATALOG

I.1 INTRODUCTION

The traffic and message analysis of the Litton PLSS Study in support of the automated TACC uses the messages contained in this appendix. The messages were collated into incoming and outgoing groups for both the Personnel and Materiel Staffs of the Air Force Component Command Post. A further breakdown was made within each collation to identify the message interface.

I.2 CONVENTIONS AND CODES

The conventions and codes used in the message description forms which make up the PLSS Message Catalog are discussed in the subsequent paragraphs.

- a. PLSS Message Number Assigned to Litton DSD. The prefix P is used for Personnel messages; L, for Materiel messages. The number blocks specified in Table I-1, identify the interfacing source or destination of the message:

Table I-1. PLSS Message Number

Number Block	Interfacing Source or Destination of the Message
1XX	Higher/Lateral Command
2XX	AFFOR Commander
3XX	Deputy for Operations
4XX	Other AFFOR Staff Agencies
5XX	Resource/Status
6XX	Materiel/Personnel Operations (Lower AFFOR elements)

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- b. Reference and Number. The reference, source document or agency for the message and reference number according to the following codes:

Table I-2. Reference and Number

Code	Reference
DSD	Derived by Data Systems Division from PLSS functional analysis.
TTSA	Tactical Traffic Systems Analysis Study, Bunker-Ramo Corp.
AFM 55-11	Air Force Operational Reporting System, Hq. USAF
TAC U60	List of Recurring Data Requirements, Hq. TAC, using reports Control Symbol (RCS) for brevity.

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- c. Title. The message title as given by Air Force source for an existing message or by Litton for a derived message.
- d. Purpose. The use made of the message content and/or the stimulus that triggers the generation of the message.
- e. Frequency. Codes for submittal times are as specified in Table I-3.

Table I-3. Codes and Submittal Times

Submittal Time	Codes
Four times daily	4/TD
Daily	D
Weekly	W
Semi-monthly	SM
Three times a month	3/TM
Monthly	M
Deployment	N
Each four weeks	EA/4W
Three time a week	3/TW
As required	AR
Each eight days	EA/8D
As prescribed	AP
End of month	EOM
End of	EO
Each	EA
Calendar day	C/D
Work day	W/D
Following as of time	FAOT

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- f. Precedence. The designation employed to indicate the relative order in which one message precedes another in handling, the required speed of delivery and relative order in notation of the message by the addressee, coded as specified in Table I-4.

Table I-4. Message Precedence

Code	Code Definition
F	Flash Message – A category of precedence reserved for initial enemy contact messages or operational combat messages of extreme urgency. Brevity is mandatory.
I	Immediate Message – A category of precedence reserved for messages relating to situations which gravely affect the security of national/allied forces or populace, and which require immediate delivery to the addressee(s).
P	Priority Message – A category of precedence reserved for messages which require expeditious action by the addressee(s) and/or furnish essential information for the conduct of operations in progress when Routine precedence will not suffice.
R	Routine Message – A category of precedence to be used for all types of messages which justify transmission by rapid means unless of sufficient urgency to require a higher precedence.

- g. Medium. The communication method used for transmitting the message. These include digital, teletype (TTY), voice or text (mail or courier). The alternate medium is that used during degraded operational modes when the primary medium is inoperative.
- h. Size. The message size specifies the total message character count. For teletype messages a word is considered as having six characters (five alphanumeric plus one space).
- i. Source(s). The designation of the unit or agency normally originating the message.
- j. Destination(s). The designation of the unit or agency normally receiving the message.
- k. Alternate Source(s). The designation of the backup unit or agency that would originate the message if the primary source is not available.
- l. Origination time. The time(s) of day when the message is scheduled for transmission (if applicable).
- m. Destination time. The "not later than" time of day that the message is to be received at the destination(s) (if applicable).
- n. Type of format:
 - (1) Fixed. The sequence of information in a fixed format message is completely prescribed.
 - (2) Semi-Fixed. A semi-fixed format message is composed of both fixed sequence information and free text.
 - (3) Free. A free format message is composed of free narrative text throughout.
- o. Content. The information contained in the message in the sequence in which it normally appears.

1.3 MESSAGE CATALOG

The message catalog is comprised of the four sections as specified in Table 1-5.

Table 1-5. Message Catalog Contents

Section	Title	Page
1	Messages Incoming to the AFCCP Personnel Staff	1-6
2	Messages Outgoing from the AFCCP Personnel Staff	1-40
3	Messages Incoming to the AFCCP Materiel Staff	1-57
4	Messages Outgoing from the AFCCP Materiel Staff	1-164

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SECTION 1
MESSAGES INCOMING TO THE
AFCCP PERSONNEL STAFF

1. PLSS MESSAGE NO. P 101

2. REFERENCE & NO. AFM 55-11

3. TITLE Personnel Deployment Report (PERSDEP)

4. PURPOSE Provide information to headquarters, USAF and/or gaining commands regarding special interest force deployments and redeployments

5. FREQUENCY 3 PER Deployment PER TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Voice

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) Losing Command HQ-DP

10. DESTINATION(S) AFCCP-D/P, HQ USAF

11. ALTERNATE SOURCE(S) Units of losing command

12. ORIGATION TIME ASAP

13. DESTINATION TIME NLT 6 HRS after deployment

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Nickname of operation
- b. Title (PERSDEP)
- c. Deployment of redeployment
- d. Unit/squadron losing personnel
- e. Code for active or reserve
- f. Destination
- g. Number of officers from each unit
- h. Number of airmen from each unit
- i. Estimated date at final destination
- j. Estimated duration of deployment
- k. Remarks.

1. PLSS MESSAGE NO. 201
2. REFERENCE & NO. AFM 55-11, 5-HAF-V36
3. TITLE Commander's Situation Report (SITREP)
4. PURPOSE Keep JCS, CSAF, major commands, and intermediate command levels informed on current operational activity and the political, military, and logistic situations which have a direct bearing or effect on operations.
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE I, P
7. MEDIUM: PRIMARY Text ALTERNATE _____
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) AFFOR Commander, AFCCP D/O
10. DESTINATION(S) AFCCP D/P
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME As required
13. DESTINATION TIME NLT 1 hr. after event
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
 - a. Assessment of operational situation.
 - b. Narrative notes complementing REDOPS report.
 - c. Intelligence data not easily separated from operational matter.
 - d. Significant events which could result in public reaction.
 - e. Active hostilities information (if applicable) under war or combat conditions:
 - (1) Part I – Operations Summary.
 - (2) Part II – Plans Summary.
 - (3) Part III – Commander's Operational Plans.
 - f. If DEFCON 3 or less, include the following items, if appropriate:
 - (1) Intelligence on significant changes in enemy order of battle or capabilities.
 - (2) Deployment/proposed deployment due to current situation.
 - (3) Deficiencies affecting support for planned operations.
 - (4) Significant supplementary actions being taken or proposed.
 - (5) Support actions which may be required by JCS or commanders.

1. PLSS MESSAGE NO. P 202

2. REFERENCE & NO. DSD

3. TITLE Command Guidance Unit "C" rating Determinators

4. PURPOSE Provide guidance to unit, wing commanders on required performance of AFFOR elements

5. FREQUENCY 1 PER M AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY TTY ALTERNATE Mail (Text)

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) AFFOR Commander

10. DESTINATION(S) All tactical units, wings, CS Groups, AFCCP D/M, D/P

11. ALTERNATE SOURCE(S) AFCCP D/O

12. ORIGATION TIME EOM

13. DESTINATION TIME 2 C/O FAOD

14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____

15. CONTENT:

(Typical)

Crate	A/C POSS (%)	A/C CR (%)	ME (%)	WRSK (%)	WPN Load Crews Assg (%)	WPN Load Crew Cert (%)	PERS (%)
C1	85	71	95-100	95-100	85-100	70-100	90
C2	75	51	85-54	85-54	70-84	50-69	80
C3	55	40	75-84	70-84	55-69	25-49	70
C4	<55	<40	>74	>69	>68	>24	<70

1. PLSS MESSAGE NO. P 301

2. REFERENCE & NO. DSD

3. TITLE Operations data requirement/request

4. PURPOSE Provide data for planning

5. FREQUENCY 2 PER D PER Wing
TIME UNIT

6. PRECEDENCE R/P

7. MEDIUM: PRIMARY Voice ALTERNATE Text

8. NOMINAL SIZE 250 CHARACTERS

9. SOURCE(S) AFCCP War Plans

10. DESTINATION(S) AFCCP D/P Staff

11. ALTERNATE SOURCE(S) AFCCP Staffs

12. ORIGINATION TIME As required

13. DESTINATION TIME ½H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Request for guidance data for planning purposes.

1. PLSS MESSAGE NO. P 302

2. REFERENCE & NO. DSD

3. TITLE AFFOR Deployment Plan

4. PURPOSE Provide mission objectives and details for deploying AFFOR

5. FREQUENCY 1 PER M PER Plan
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 60,000 CHARACTERS

9. SOURCE(S) AFCCP D/O War Plans

10. DESTINATION(S) AFCCP DP, TUOC's, TUCP's, AFFOR elements

11. ALTERNATE SOURCE(S) AFCCP DP (Personnel Annex)

12. ORIGINATION TIME EOM

13. DESTINATION TIME 1 w/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Assignment and designation of various forces and operating locations.

1. PLSS MESSAGE NO. P 501
2. REFERENCE & NO. 19th AF PERSTAT, TTSA 404, AFM 55-11, RCS 5-HAF-V39
3. TITLE Personnel Status Report (PERSTAT)
4. PURPOSE Provide a summary of existing personnel conditions pertinent to the conduct of military operations.
5. FREQUENCY 1 PER day PER wing
TIME UNIT
6. PRECEDENCE P, 1
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1,500 CHARACTERS
9. SOURCE(S) Lower Echelons, Wing D/P
10. DESTINATION(S) AFCCP-DP
11. ALTERNATE SOURCE(S) PERSCO
12. ORIGATION TIME 2400Z, each day
13. DESTINATION TIME 2H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
- a. Key personnel (name, position, cause of deficiency)
 - b. Manning status by unit
 - (1) Initial Deployment Strength
 - (2) Battle Casualties since last report.
 - (3) Cumulative Battle Casualties to date.
 - (4) Non-battle casualties since last report.
 - (5) Cumulative Non-battle casualties to date.
 - (6) Gains since last report.
 - (7) Current deployed strength.
 - c. Enemy prisoners of war and detainees:
 - (1) Total number taken into custody:
 - (2) Number remaining in custody:
 - d. Non-combatants (number, status, evacuation plans, protection, etc.)
 - e. Commander's comments.

1. PLSS MESSAGE NO. P 502

2. REFERENCE & NO. TISA 450, 457

3. TITLE Tactical Unit Status Report

4. PURPOSE Provide information on availability of aircraft and aircrews

5. FREQUENCY 3 PER day TIME PER Sqdn UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) TUOC

10. DESTINATION(S) TACC, (Info, and AFCCP-DM, DP)

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 0100 (Z), 0800 (Z), 1600 (Z)

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- Reporting unit designation.
- Location.
- As of time (GMT).
- Type of aircraft possessed (MDS).
- Number of aircraft and crews assigned.
- Number of aircraft and crews possessed.
- Number of aircraft and crews operationally ready.
- Number of aircraft and crews committed.
- Estimated number of aircraft and crews operationally ready in next 8 hours.
- Limiting factors.

1. PLSS MESSAGE NO. P 503
2. REFERENCE & NO. TTSA 451, 456, 459
3. TITLE Tactical Unit Status Change Report
4. PURPOSE Provide information on changes in availability of search and rescue, special air warfare, and aerial refueling aircraft and air crews.
5. FREQUENCY 2 PER day TIME Sqdn UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 120 CHARACTERS
9. SOURCE(S) TUOC
10. DESTINATION(S) TACC, (Info: AFCCP-DM, DP)
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME AR
13. DESTINATION TIME ½ H FAOT
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Reporting unit designation.
 - b. Location.
 - c. As of time (GMT).
 - d. Type of aircraft possessed (MDS).
 - e. Number of aircraft and crews operationally ready.
 - f. Number of aircraft and crews committed.

1. PLSS MESSAGE NO. P 504

2. REFERENCE & NO. TAC LTR (DPDM). 15 March 69 (TAC-U60) HAF P225

3. TITLE Contingency TDY Reporting

4. PURPOSE Information on AGF members of AFFOR

5. FREQUENCY 1 PER day PER Unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) CBPO/Persco

10. DESTINATION(S) USAF, TAC, AFCCP DP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2400 (L)

13. DESTINATION TIME 1 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Unit manning and status details.

1. PLSS MESSAGE NO. P 505
2. REFERENCE & NO. TACM 400-13, DSD
3. TITLE AFSTRIKE
4. PURPOSE To report personnel status of AF strike force
5. FREQUENCY 1 PER day PER wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1200 CHARACTERS
9. SOURCE(S) Wing D/P
10. DESTINATION(S) HQ AFSTRIKE - DP, Number AF-DP, AFCCP-DP, Home Base
11. ALTERNATE SOURCE(S) PERSCO
12. ORIGATION TIME 1200 Local
13. DESTINATION TIME 2400 Z
14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE
15. CONTENT:
 - Par. 1. AFSTRIKE Perstat from unit as of 1200 hours date.
 - Par. 2. Assigned In Place Enroute
Off
Amn
 - Par. 3. AFSC requirements and source; i.e., home base, or AFSTRIKE if home base cannot fill.
 - Par. 4. Other factors in the personnel function where assistance is required.

1. PLSS MESSAGE NO. P 506

2. REFERENCE & NO. TTSA 652

3. TITLE Personnel Reports

4. PURPOSE Control data of airmen mechanized personnel system and describe the use of CBPO and MAC- management output products.

5. FREQUENCY 2 PER day TIME PER Wing UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 12,000 CHARACTERS

9. SOURCE(S) CBPO-CSG

10. DESTINATION(S) AFCCP-DP staff

11. ALTERNATE SOURCE(S) Wing

12. ORIGINATION TIME AR

13. DESTINATION TIME 1 C/D FAOD

14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____

15. CONTENT:

- a. PCAM cards used in PDS-A (Interim)
- b. Unit military strength - Balance Report
- c. CBPO military strength - Balance Report
- d. Airman CBPO unit manning roster
- e. Airman unit personnel accounting roster
- f. Airman proficiency pay roster
- g. Airman OJT roster
- h. Airmen Grade Spread
- i. Airmen levy/allocation
- j. Airmen strength data
- k. Airmen organizational data
- l. Airmen service data
- m. Airmen classification and on-the-job training data

1. PLSS MESSAGE NO. P 507
2. REFERENCE & NO. TTSA 651
3. TITLE Personnel Status Changes – Consolidated
4. PURPOSE Provide a summary of existing personnel conditions pertinent to the conduct of military operations.
5. FREQUENCY 1 PER day TIME PER unit UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE Mail
8. NOMINAL SIZE 2,400 CHARACTERS
9. SOURCE(S) CBPO-CSG
10. DESTINATION(S) DCS, AFCCP-DP
11. ALTERNATE SOURCE(S) TUOC
12. ORIGATION TIME 1200 Local
13. DESTINATION TIME 1400 Local
14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE
15. CONTENT:

Package containing the following data sheets

- (1) Airman grad spread (format A)
- (2) Airman levy/allocation card (format C)
- (3) Airman trailer to levy/allocation card (format C)
- (4) Airman strength data (format E)
- (5) Airman organizational data (format F)
- (6) Airman service duty (format G)
- (7) Airman classification and on-the-job training data (format H).

Data are collected on AF forms 1713 through 1713d; the forms are designed to organize the data for entry onto 80-column punched cards at the CBPO for use in the Personnel Data System-A (Interim).

Maximum of 496 data cards in a single message; typically one card is required for every 10 men assigned.

1. PLSS MESSAGE NO. P 508

2. REFERENCE & NO. AFM 171-13,(TAC U-60) 7-HAF-P5

3. TITLE Locator Cards

4. PURPOSE To monitor specific status changes of airmen

5. FREQUENCY I PER Day TIME PER Wing UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 800 CHARACTERS

9. SOURCE(S) CBPO/Perseo

10. DESTINATION(S) AFCCP-DP, TAC

11. ALTERNATE SOURCE(S) AFCCP-DP

12. ORIGINATION TIME As Required

13. DESTINATION TIME 1 w/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

Enlisted personnel with specific type of changes in status.

1. PLSS MESSAGE NO. P 509

2. REFERENCE & NO. AFR 30-18/TAC SUP1, (TAC-U 60) HAF-P4

3. TITLE Roster of Key Personnel

4. PURPOSE To provide status of key personnel

5. FREQUENCY 1 PER M Unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 9,600 CHARACTERS

9. SOURCE(S) All units, tactical wings

10. DESTINATION(S) Tactical wing, AFCCP-DP, TAC HQ

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 28th of month

13. DESTINATION TIME 2 w/d FAOD

14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____

15. CONTENT: Name
Service Number
Guide
Unit-Location
Exact Title of Position
For each key person

1. PLSS MESSAGE NO. P 510

2. REFERENCE & NO. TACR 55-5 (TAC-UGO) TAC-47

3. TITLE Weapons Director Training and Qualification Report

4. PURPOSE Planning data

5. FREQUENCY 1 PER M PER AC&W Unit
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 2,400 CHARACTERS

9. SOURCE(S) AC&W Squadrons

10. DESTINATION(S) AFCCP-DO, HQ TAC-DO

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 2 w/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Name
- b. Rank
- c. AFSC
- d. State of Readiness

1. PLSS MESSAGE NO. P 511

2. REFERENCE & NO. (TAC-UGO) TAC-T29 TACM 136-7

3. TITLE Munition Loading Crew and Equipment Status Report

4. PURPOSE To process status of munitions loading crews and equipment

5. FREQUENCY 1 PER W PER Unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) All units w/munitions services functions

10. DESTINATION(S) AFCCP-DM, DP, DO and MAJCOM DP, DM and DO

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME W, EOW

13. DESTINATION TIME 1 w/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Loading crew personnel
Auth
Assd
Certified
In Training
Equipment
Assigned
Deficiencies

P 512

DELETED FROM PLSS
MESSAGE CATALOG

1. PLSS MESSAGE NO. P 513

2. REFERENCE & NO. TAC R 200-18 TTSA 515 (TAC-P65)

3. TITLE Intelligence Personnel Status Report

4. PURPOSE To keep intelligence staff of higher headquarters aware of intelligence personnel problems.

5. FREQUENCY 1 PER M TIME PER UNIT UNIT

6. PRECEDENCE R,P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 800 CHARACTERS

9. SOURCE(S) TVOC, RITS;DI-AFCCP

10. DESTINATION(S) RITS, OCS, AFCCP-DPEJ, MAJCOM

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 2 w/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

Listing of personnel incoming, outgoing, shortages, and overages.
(20 items)

Consolidated at RITS;DI-AFCCP

1. PLSS MESSAGE NO. P 514

2. REFERENCE & NO. (TAC-U60) TAC-T23

3. TITLE Small Arms Training and Qualification Report

4. PURPOSE Provide Status of small arms training and qualification.

5. FREQUENCY I PER Q BASE BASE
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 2400 CHARACTERS

9. SOURCE(S) CBPO

10. DESTINATION(S) AFCCP-DOZDP MAJCOM DOZDP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOQ

13. DESTINATION TIME 15 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

A narrative numerical report depicting in detail the number of
AFFOR personnel by category qualified on basic weapon
IAW AFR 50-8

1. PLSS MESSAGE NO. P 515

2. REFERENCE & NO. TTSA 400

3. TITLE Daily Medical Status Report (MEDREP)

4. PURPOSE Provide information required to coordinate available medical support.

5. FREQUENCY 1 PER Day PER Airbase
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1800 CHARACTERS

9. SOURCE(S) Base Ops—CSGp

10. DESTINATION(S) ALCC, DCS, JF, TACC, AFCCP (DP) (EJ)

11. ALTERNATE SOURCE(S) Medical Units

12. ORIGINATION TIME 0500 (Z)

13. DESTINATION TIME NLT 1300 (Z)

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Medical unit
- b. Location (coordinates and map identity)
- c. Surgical backlog (number of cases)
- d. Patients for surface evacuation (number)
- e. Patients for aeromedical evacuation (number)
- f. Shortages
- g. Diseases and epidemics (total number)
- h. Deaths (name, rank, service number, organization, and rating)
- i. Seriously and very seriously ill (name, rank, etc.)
- j. Key personnel (identity, diagnosis, and prognosis)
- k. Beds operating (number)
- l. Beds occupied (number)
- m. Direct admissions (total number)
- n. Transfer admissions
- o. Disposition to duties (number of patients)
- p. Evacuated (number of patients)
- q. Outpatient visits
- r. DNIF (number of personnel)
- s. Suspension of patient care (date and time)
- t. Other (unusual events).

1. PLSS MESSAGE NO. P 516

2. REFERENCE & NO. (AFM55-11)RCS:2-HAF-V39 TTSA 401

3. TITLE Medical Contingency Report (MEDCON)

4. PURPOSE Provide information on the operational readiness status and patient care activities of USAF medical service units.

5. FREQUENCY 7 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1800 CHARACTERS

9. SOURCE(S) Med Squad - CSGp,

10. DESTINATION(S) ALCC, TACC, DCS, JF, AFCCP (DP)

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2400 Local

13. DESTINATION TIME 1200 Local

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

A. Status Change Section

- (1) Nature and effective date and time of status change
- (2) Number, name, and location of fixed facility
- (3) Identification of deploying unit
- (4) Number of physicians and other medical personnel being deployed
- (5) Planned employment location and estimated time of arrival
- (6) Plan identification or contingency served by deployment
- (7) Narrative remarks.

B. Employment Section

- (1) Identity and type of unit being deployed
- (2) Location of unit
- (3) Time operational capability attained
- (4) Narrative remarks.

C. Workload Section

- (1) Identity of unit
- (2) Total current bed capacity and number beds occupied
- (3) Number of patients evacuated
- (4) Narrative remarks.

1. PLSS MESSAGE NO. P 517

2. REFERENCE & NO. (AFM 55-11) RCS:3-HAF-V39 TTSA 402

3. TITLE Medical Emergency Report (MEDMER)

4. PURPOSE Provide information on operational readiness status and patient care activities of USAF Medical Service units that have been influenced by an unusual occurrence.

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,200 CHARACTERS

9. SOURCE(S) Med Squadron — CSGp

10. DESTINATION(S) AECC — ALCC, Status — TACC, Status — ALCC, DCS, JF, AFCCP (DP) (EJ)

11. ALTERNATE SOURCE(S) Medical Unit

12. ORIGINATION TIME ASAP

13. DESTINATION TIME NLT 2 Hrs. after incident

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Unit name, number, and location
- b. In-patient bed capability (normal and improvisable)
- c. Beds occupied
- d. Number of physicians and number of their medical personnel surviving
- e. Percentage of facility available for mission accomplishment
- f. Blood collection capability (pints/day)
- g. Radiation (roentgens/hour)
- h. Changes since medical material data report (MORR)
- i. Narrative remarks.

1. PLSS MESSAGE NO. P 601

2. REFERENCE & NO. SDC I-13

3. TITLE Critical Personnel Shortage

4. PURPOSE To identify critical personnel shortages affecting mission accomplishment

5. FREQUENCY 7 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) CBPO

10. DESTINATION(S) AFCCP-DP

11. ALTERNATE SOURCE(S) AFFECTED UNIT

12. ORIGINATION TIME AR

13. DESTINATION TIME NLT 2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Unit Designator
- b. Number/AFSC/Skill level of short positions
- c. Cause of shortage
- d. Remarks

1. PLSS MESSAGE NO. P 602

2. REFERENCE & NO. AFM 55-11, RCS:9-HAF-V36 TTSA 417

3. TITLE Aircraft and Aircrew Loss Report (LOSREP)

4. PURPOSE Provide follow on information (after a OPPER-3 incident report) on loss of aircraft and aircrews.

5. FREQUENCY .02 PER Sortie PER
TIME UNIT

6. PRECEDENCE I, P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1000 CHARACTERS

9. SOURCE(S) TUOC

10. DESTINATION(S) TACC, DCS, JF, ARFOR, NAVFOR, MARFOR, ALLIED FORCES, AFCDP

11. ALTERNATE SOURCE(S)

12. ORIGATION TIME NLT 3H F initial report

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE

15. CONTENT:

- Type of report and type of loss
- Aircraft identification: MDS, serial number, mission number, call sign, operational base, aircraft assignment, squadron UIC
- Time and location of loss (i.e., of hit and of downing or loss status)
- Air crew identification: name, rank, AFSN, organization, station status
- Mission and target information: type of mission, type of target (including area weather, area definition, ECM environment)
- Tactics: cause of loss, altitude, speed and basic maneuver when hit, effect of target defense on tactics, effect on WX on tactics, weapons carried when hit, disposition of ordnance, relevant communications for pilot not recovered
- Search and rescue information: ejection and chute information, environment at rescue site, directing agency, extent of operation, date/time, group of success, time and place operation terminated
- Remarks, including other essential information.

1. PLSS MESSAGE NO. P 603

2. REFERENCE & NO. TTSA 424

3. TITLE Command Coordination

4. PURPOSE Provide command coordinating of status and operational reporting among major command levels

5. FREQUENCY 5 PER Day PER Wing
TIME UNIT

6. PRECEDENCE R, P, I

7. MEDIUM: PRIMARY Voice ALTERNATE TTY

8. NOMINAL SIZE 1,200 CHARACTERS

9. SOURCE(S) TUOC, DCS, ARFOR, NAVFOR, MARFOR, JTF

10. DESTINATION(S) CMD, DCS, AFFOR, NAVFOR, MARFOR, JF, AFCCP-DP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME AR

13. DESTINATION TIME 5 min - 1 H

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:
Variable and unspecified

1. PLSS MESSAGE NO. P 604

2. REFERENCE & NO. DSO

3. TITLE Request for AFCCP Assistance in Personnel Problems

4. PURPOSE Develop guidance and/or direction

5. FREQUENCY 1 PER D PER Wing
TIME UNIT

6. PRECEDENCE R/P

7. MEDIUM: PRIMARY Voice ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) Tactical Wing

10. DESTINATION(S) AFCCP D/P Staff

11. ALTERNATE SOURCE(S) Tactical Unit

12. ORIGINATION TIME AR

13. DESTINATION TIME 5 min - 1 Hr

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:

Details of problem and reasons for AFCCP-level assistance.

1. PLSS MESSAGE NO. P 605
2. REFERENCE & NO. TAC (DPMID) LTR 13 Sept 65 (TAC U60) TAC P66
3. TITLE Personnel Readiness System
4. PURPOSE Provide data for planning purposes
5. FREQUENCY 1 PER D PER Unit
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) CPBO/Persco Units
10. DESTINATION(S) TAC, AFCCP D/P
11. ALTERNATE SOURCE(S) Tactical units (manual)
12. ORIGINATION TIME AR
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:

Historical statistics of committed personnel, limited capability to TAC commitments and an interim means of controlling personnel commitments.

1. PLSS MESSAGE NO. P 606
2. REFERENCE & NO. DSD
3. TITLE Personnel Operations Summary Report
4. PURPOSE Provide data of personnel operations
5. FREQUENCY 1 PER W PER Unit
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 2,400 CHARACTERS
9. SOURCE(S) Tactical Units
10. DESTINATION(S) AFCCP D/P
11. ALTERNATE SOURCE(S) Tactical Wings, CS Group CBPO/Persons
12. ORIGINATION TIME EOW
13. DESTINATION TIME 1 w/d FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Summary of daily PERSTAT reports

1. PLSS MESSAGE NO. P 607
2. REFERENCE & NO. (TAC-U60) TAC-T12
3. TITLE Aircrew Training Status
4. PURPOSE Provide Data for Planning Requirements
5. FREQUENCY 1 PER M TIME PER Wing UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 2,400 CHARACTERS
9. SOURCE(S) Tactical Wing
10. DESTINATION(S) AFCCP-DO&DP, MA&COM-DO&DP
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME EOM
13. DESTINATION TIME 5 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Each Combat Crew Lead by Crew, Number of Training Item,
Scheduled Events, and Items/Comments

1. PLSS MESSAGE NO. P 608
2. REFERENCE & NO. DSD
3. TITLE Personnel Remedial-Corrective Action Request
4. PURPOSE Initiate Corrective Actions
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) Tactical Units
10. DESTINATION(S) AFCCP DO, War Plans, TACC, Tactical Air Operations, AFCCP D/P
11. ALTERNATE SOURCE(S) Tactical Unit, Wing Personnel Staff
12. ORIGINATION TIME As Required
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Corrective action requirement for resolution of personnel problem

1. PLSS MESSAGE NO. P 609

2. REFERENCE & NO. TTSA 516

3. TITLE Intelligence Training Report

4. PURPOSE Monitor Unit Training of Intelligence

5. FREQUENCY 1 PER Month PER Unit
TIME UNIT

6. PRECEDENCE R, P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) TUOC, RITS/DI-AFCCP

10. DESTINATION(S) RITS, DCS, AFCCP DP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 28th of Month

13. DESTINATION TIME 1 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Compilation of training accomplishments during past period

1. PLSS MESSAGE NO. P 610
2. REFERENCE & NO. TTSA 405 (AFM 55-11) RCS:9-HAF-V39
3. TITLE Unit Identification System Report (UCODES)
4. PURPOSE Report updated information on unit identification code change in support of the
JCS Unit Identification System.
5. FREQUENCY 1 PER occurrence PER Unit
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 400 CHARACTERS
9. SOURCE(S) Base DPS-CSG
10. DESTINATION(S) TACC, DCS, JF, AFCCP (DP)
11. ALTERNATE SOURCE(S) TUOC
12. ORIGINATION TIME ASAP
13. DESTINATION TIME 5 w/d FAOD
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Control fields: 7 entries in 17 character slots
 - b. Data element cards: 7 entries/card (60 characters)
 - c. Unit type code card: 2 entries/card (40 characters)
 - d. Unit level code card: 2 entries/card (28 characters)
 - e. The Pub. 6 format is described in the following tabulation.
The AFM 55-11 format is arranged differently and uses a
single card type, but contains some additional data.

Note: Maximum of 499 cards/message. Use AF Form 993A, General Purpose Summary.

1. PLSS MESSAGE NO. P 611
2. REFERENCE & NO. (TAC-U60) TACR 50-6 TAC-T35
3. TITLE Combat Control Team Training and Equipment Status Report
4. PURPOSE Planning data
5. FREQUENCY 1 PER M PER Aerial Port Sqdn
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 2,400 CHARACTERS
9. SOURCE(S) Aerial Port Co
10. DESTINATION(S) AFCCP DO, DP, & DM MAJCOM DO, DP, & DM
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME M, EOM
13. DESTINATION TIME 4 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Provides data necessary for evaluating combat control teams, reflects name, grade, AFSC, phase of training, etc.

SECTION 2
MESSAGES OUTGOING FROM THE
AFCCP PERSONNEL STAFF

1. PLSS MESSAGE NO. P 151

2. REFERENCE & NO. TTSA 424

3. TITLE Command Coordination

4. PURPOSE Provide command coordination of status and operational reporting among
major command levels

5. FREQUENCY 5 PER Day PER Wing
TIME UNIT

6. PRECEDENCE R, P, I

7. MEDIUM: PRIMARY Voice ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP-DP

10. DESTINATION(S) DCS, ARFOR, NAVFOR, MARFOR, JF, AFCCP-CMD

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME AR

13. DESTINATION TIME 5 Min - 1 Hr

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Variable and unspecified

1. PLSS MESSAGE NO. P 152
2. REFERENCE & NO. 19thAF PERSTAT AFH 55-11, RES:5-HAF-V39
3. TITLE Personnel Status Report
4. PURPOSE Provide a summary of existing personnel conditions pertinent to the conduct of
military operations
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE P,1
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1,500 CHARACTERS
9. SOURCE(S) AFCCP-DP
10. DESTINATION(S) HO USAF
11. ALTERNATE SOURCE(S) CBPO'S
12. ORIGINATION TIME 2400(Z)
13. DESTINATION TIME 0800(Z)
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
- a. Key personnel (name, position, cause of deficiency)
 - b. Manning Status by Unit
 - (1) Initial Deployment Strength
 - (2) Battle Casualties since last report
 - (3) Cumulative Battle Casualties to Date
 - (4) Non Battle Casualties since last report
 - (5) Gains since last report
 - (6) Current Deployed Strength
 - c. Enemy Prisoners of War and Detainees:
 - (1) Total Number Taken Into Custody: _____
 - (2) Number Remaining in Custody: _____
 - d. Non-combatants (number, status, evacuation plans, protection, etc.)
 - e. Commander's Comments

1. PLSS MESSAGE NO. P 153

2. REFERENCE & NO. SDC 0-1

3. TITLE Critical Personnel Shortage

4. PURPOSE To request additional personnel to fill critical positions which affect AFFOR effectiveness

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 400 CHARACTERS

9. SOURCE(S) AFCOP-DP

10. DESTINATION(S) MAJCOM-DP

11. ALTERNATE SOURCE(S) None

12. ORIGINATION TIME 2400(Z)

13. DESTINATION TIME 3 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Component designator number/AFSC/skill level of personnel required
Reason for emergency requirement, remarks

1. PLSS MESSAGE NO. P 154
2. REFERENCE & NO. DSD
3. TITLE Personnel Requisition
4. PURPOSE Initiate personnel resupply (replacement) action
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 800 CHARACTERS
9. SOURCE(S) AFCCP D/P Staff
10. DESTINATION(S) TAC, MAJCOM
11. ALTERNATE SOURCE(S) CBPS/Pers init Bairfors
12. ORIGINATION TIME 2400(Z)
13. DESTINATION TIME 0600(Z) FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Routine personnel replacement/deficiency requirements and authorizations

1. PLSS MESSAGE NO. P 155
2. REFERENCE & NO. TTSA 402 AFM 55-11, RES: 3-HAF-V39
3. TITLE Medical Emergency Report (MEDMER)
4. PURPOSE Provide information on operational readiness status and patient care activities of USAF
Medical Service units that have been influenced by an unusual occurrence
5. FREQUENCY 0-2 PER Day PER Medical Unit
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFCCP D/P
10. DESTINATION(S) DCS, JF, AFCCP
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME ASAP
13. DESTINATION TIME NLT 2 hr FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- a. Unit name, number, and location
 - b. In-patient bed capability (normal and improvisable)
 - c. Beds occupied
 - d. Number of physicians and number of their medical personnel surviving
 - e. Percentage of facility available for mission accomplishment
 - f. Blood collection capability (pints/day)
 - g. Radiation (roentgens/hour)
 - h. Changes since medical material data report (MORR)
 - i. Narrative remarks

1. PLSS MESSAGE NO. P 156

2. REFERENCE & NO. TT SA 400

3. TITLE Daily Medical Status Report (MEDREP)

4. PURPOSE Provide information required to coordinate available medical support

5. FREQUENCY 1 PER Day PER TIME UNIT UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,800 CHARACTERS

9. SOURCE(S) ALCC, TACC, AFCCP-DP

10. DESTINATION(S) ALCC, DCS, JF

11. ALTERNATE SOURCE(S) _____

12. ORIGATION TIME 0500(Z)

13. DESTINATION TIME NLT 1300(Z)

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- Medical unit
- Location (coordinates and map identity)
- Surgical backlog (number of cases)
- Patients for surface evacuation (number)
- Patients for aeromedical evacuation (number)
- Shortages
- Diseases and epidemics (total number)
- Deaths (name, rank, service number, organization, and rating)
- Seriously and very seriously ill (name, rank, etc.)
- Key personnel (identity, diagnosis, and prognosis)
- Beds operating (number)
- Beds occupied (number)
- Direct admissions (total number)
- Transfer admissions
- Disposition to duties (number of patients)
- Evacuated (number of patients)
- Outpatient visits
- DNIF (number of personnel)
- Suspension of patient care (date and time)
- Other (unusual events)

1 PLSS MESSAGE NO. P 157

2 REFERENCE & NO. TTSA 401 AFM 55-11, RES: 2-HAF-V39

3 TITLE Medical Contingency Report (MEDCON)

4 PURPOSE Provide information on the operational readiness status and patient care activities of
USAF medical service units

5 FREQUENCY 1 PER Day PER Medical Unit
TIME UNIT

6 PRECEDENCE P

7 MEDIUM: PRIMARY Digital ALTERNATE TTY

8 NOMINAL SIZE 1,800 CHARACTERS

9 SOURCE(S) AECC/Status-ALCC, TACC, AFCCP-DP

10 DESTINATION(S) DCS, JF

11 ALTERNATE SOURCE(S) _____

12 ORIGINATION TIME 2400 Local

13 DESTINATION TIME 1200 Local

14 TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15 CONTENT: a. Status Change Section
(1) Nature and effective date and time of status change
(2) Number, name, and location of fixed facility
(3) Identification of deploying unit
(4) Number of physicians and other medical personnel being deployed
(5) Planned employment location and estimated time of arrival
(6) Plan identification or contingency served by deployment
(7) Narrative remarks

b. Employment Section
(1) Identity and type of unit being deployed
(2) Location of unit
(3) Time operational capability attained
(4) Narrative remarks

c. Workload Section
(1) Identity of unit
(2) Total current bed capacity and number beds occupied
(3) Number of patients evacuated
(4) Narrative remarks

1. PLSS MESSAGE NO. P 158
2. REFERENCE & NO. TTSA 403 AFM 55-11, RES: 5-HAF-V39
3. TITLE Personnel Deployment Report (PERSDEP)
4. PURPOSE Provide information to headquarters, USAF and/or gaining commands regarding special interest force deployments and redeployments
5. FREQUENCY 1 PER Deployment PER Wing
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE Voice
8. NOMINAL SIZE 6,000 CHARACTERS
9. SOURCE(S) AFCCP-DP
10. DESTINATION(S) Gaining Command HQ-DP, HQ USAF
11. ALTERNATE SOURCE(S) Losing Command
12. ORIGINATION TIME ASAP
13. DESTINATION TIME NLT6hrs FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- a. Nickname of operation
 - b. Title (PERSDEP)
 - c. Deployment or redeployment
 - d. Unit/squadron losing personnel
 - e. Code for active or reserve
 - f. Destination
 - g. Number of officers from each unit
 - h. Number of airmen from each unit
 - i. Estimated date at final destination
 - j. Estimated duration of deployment
 - k. Remarks

1. PLSS MESSAGE NO. P 159
2. REFERENCE & NO. AFM 55-11, RES: 2-HAF-V38
3. TITLE Force Status Report (FORSTAT), Section D, Personnel
4. PURPOSE Provide status information on aerospace forces, including location and inventory of vital operational assets, and assessment of the readiness of these resources
5. FREQUENCY 1 PER M PER AFFOR
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital (Data Cards) ALTERNATE TTY
8. NOMINAL SIZE 16,000 CHARACTERS
9. SOURCE(S) AFCCP-DP
10. DESTINATION(S) MAJCOM (via AFCCD-DO)
11. ALTERNATE SOURCE(S) CRPO'S
12. ORIGINATION TIME EOM
13. DESTINATION TIME 1 w/d FAOD
14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE
15. CONTENT:
- a. Communication Header card (as defined by JANAP-128)
 - b. Security Classification/Special Handling card
 - c. Report-Header card
 - d. Detail-Data cards (as required for each unit reported on)
 - e. Report-End card
 - f. End-of-Transmission card (as defined by JANAP-128)

1. PLSS MESSAGE NO. P 251
2. REFERENCE & NO. TTSA 415 AFM 55-11, RES: 5-HAF-V36
3. TITLE SITREP (Personnel Situation Report Item)
4. PURPOSE To provide the commander with information on personnel status for inclusion in
the SITREP
5. FREQUENCY 1-3 PER Day TIME PER UNIT
6. PRECEDENCE 1, P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 400 CHARACTERS
9. SOURCE(S) AFCCP-DP
10. DESTINATION(S) AFCCP Commander
11. ALTERNATE SOURCE(S) TUOC'S
12. ORIGINATION TIME ASAP&1 per change
13. DESTINATION TIME NLT 1hr after event
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
 - a. Personnel deficiencies affecting support for planned operation
 - b. Personnel deployment status

Note: Submitted within one hour after situation is known and with each significant change in situation

1. PLSS MESSAGE NO. P 351
2. REFERENCE & NO. DSD
3. TITLE Personnel Trend Forecast
4. PURPOSE Planning data
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE Text
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) AFCCP D/P Staff
10. DESTINATION(S) AFCCP D/O, War Plans TACC
11. ALTERNATE SOURCE(S) Tactical unit, wing personnel staff CBPO/Person unit
12. ORIGINATION TIME AR
13. DESTINATION TIME 1/2 H FAOT
14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE
15. CONTENT: Personnel data for operations planning requirements

1. PLSS MESSAGE NO. P 352
2. REFERENCE & NO. DSD
3. TITLE Personnel Remedial-Corrective Action Report
4. PURPOSE Report of actions
5. FREQUENCY 1 PER Day PER Wing
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE Text, Voice
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFCCP D/P, staff
10. DESTINATION(S) AFCCP D/O, War Plans, TACC, Tactical Air Operations
11. ALTERNATE SOURCE(S) Tactical unit, wing personnel staff
12. ORIGINATION TIME as required
13. DESTINATION TIME ½ H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Report results of actions taken

1. PLSS MESSAGE NO. P 353
2. REFERENCE & NO. DSD
3. TITLE AFFOR unit personnel constraints
4. PURPOSE AFFOR personnel constraints
5. FREQUENCY 1 PER W PER Wing
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE Text
8. NOMINAL SIZE 3,200 CHARACTERS
9. SOURCE(S) AFFOR D/P, staff
10. DESTINATION(S) AFCCP D/O, War Plans, TACC
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME EOW
13. DESTINATION TIME 1 c/d FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Details of personnel assignment limitations, training requirements, rotations, etc.

1. PLSS MESSAGE NO. P 354

2. REFERENCE & NO. DSD

3. TITLE Personnel Annex, AFFOR Operations Plan

4. PURPOSE Planning data

5. FREQUENCY 1 PER W PER Wing
TIME UNIT

6. PRECEDENCE 1, P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,200 CHARACTERS

9. SOURCE(S) DP Staff AFCCP

10. DESTINATION(S) D/O AFCCP, AFFOR elements

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME AR

13. DESTINATION TIME 4 hrs FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Personnel requirements details

1. PLSS MESSAGE NO. P 451
2. REFERENCE & NO. TTSA 405 B; AFM 55-11.9-HAF-V39
3. TITLE Unit Identification System Report (UCODES)
4. PURPOSE Report updated information on unit identification code change in support of the
JCS Unit Identification System
5. FREQUENCY 1 PER Occurrence PER Unit
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY, Text
8. NOMINAL SIZE 320 CHARACTERS
9. SOURCE(S) AFCCP-DP
10. DESTINATION(S) TACC, DCS, JF, AFCCP, BASE OPS, CSG
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME ASAP
13. DESTINATION TIME NLT w/d FAOD
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Control fields: 7 entries in 17 character slots
 - b. Data element cards: 7 entries/card (60 characters)
 - c. Unit type code card: 2 entries/card (40 characters)
 - d. Unit level code card: 2 entries/card (18 characters)

1. PLSS MESSAGE NO. P 651
2. REFERENCE & NO. DSD
3. TITLE Initiate Personnel Remedial Action
4. PURPOSE Report of actions
5. FREQUENCY as required PER _____ TIME _____ PER _____ UNIT _____
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFCCP D/P staff
10. DESTINATION(S) Tactical wings, units, C13PO's/Person units in AFFOR
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME As required
13. DESTINATION TIME 1H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Results of actions taken

SECTION 3
MESSAGES INCOMING TO THE
AFCCP MATERIEL STAFF

1. PLSS MESSAGE NO. L 101

2. REFERENCE & NO. DSD

3. TITLE Airlift Allocation Report

4. PURPOSE To establish daily airlift allocations

5. FREQUENCY 1 PER Month PER AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY TTY ALTERNATE Memo

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) JTF

10. DESTINATION(S) ALCC/TACC, AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 2 c/d FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Time periods, tonnages & airlift users

1. PLSS MESSAGE NO. L 102
2. REFERENCE & NO. DSD
3. TITLE Command Policies & Directives - Materiel
4. PURPOSE Promulgate Command Policy and Directives for Subordinate Materiel Elements
5. FREQUENCY 1 PER D PER AFFOR
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY TTY ALTERNATE Mail, Text
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFLC
10. DESTINATION(S) AFCCP D/M, Subordinate Materiel Elements
11. ALTERNATE SOURCE(S) TAC
12. ORIGINATION TIME 2400 Z
13. DESTINATION TIME 12 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Details of procedures, policies, guidelines for accomplishment of materiel support.
Includes reporting requirements, records, data processing, and administrative practices

1. PLSS MESSAGE NO. L 103
2. REFERENCE & NO. TTSA 659
3. TITLE Stock Number User Directory Report.
4. PURPOSE Update federal stock number directory w/changes applicable to base and
subordinate units
5. FREQUENCY 1 PER D PER Element
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 60 CHARACTERS
9. SOURCE(S) AFLC
10. DESTINATION(S) AFCCP D/M, Tactical wing, supply
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 2400 Z
13. DESTINATION TIME 6-12 H FAOT
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Previous federal stock number
 - b. Amount authorized
 - c. Units of each (pair, role, etc.)
 - d. New federal stock number
 - e. Amount authorized
 - f. Units of each (pair, role, etc.)

1. PLSS MESSAGE NO. L 201
2. REFERENCE & NO. AFM 55-11
3. TITLE Commanders Situation Report (SITREP)
4. PURPOSE Keep JCS, CSAF, MAJCOMS and AFFOR informed of current operational activity and the political, military and logistics situation which have a direct bearing or effect on operations
5. FREQUENCY 1-3 PER Day PER AFFOR
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE _____
8. NOMINAL SIZE 1,000 CHARACTERS
9. SOURCE(S) AFFOR Commander
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) AFCCP D/O Staff
12. ORIGATION TIME 2400L, 1200L, 1800L
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
 - a. Assessment of operational situation
 - b. Narrative notes complementing REDOPS report
 - c. Intelligence data not easily separated from operational matter
 - d. Significant events which could result in public reaction
 - e. Active hostilities information (if applicable) under war or combat conditions:
 - (1) Part I. Operations Summary
 - (2) Part II. Plans Summary
 - (3) Part III. Commander's Operational Plans
 - f. If DEFCON 3 or less, include the following items, if appropriate:
 - (1) Intelligence on significant changes in enemy order of battle or capabilities
 - (2) Deployment/Proposed deployment due to current situation
 - (3) Deficiencies affecting support for planned operations
 - (4) Significant supplementary actions being taken or proposed
 - (5) Support actions which may be required by JCS or commanders

Note: Not intended to duplicate data in OPREP. Submitted within one hour after situation is known and with each significant change in situation

1. PLSS MESSAGE NO. L 202
2. REFERENCE & NO. DSD
3. TITLE Command Guidance, Unit 'C' Rating Determinations
4. PURPOSE Provide guidance to unit, wing commanders on required performances of AFFOR elements
5. FREQUENCY 1 PER M PER AFFOR
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY TTY ALTERNATE Mail, Text
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFFOR Commander
10. DESTINATION(S) All tactical units, wings, CS Groups, AFCCP D/M, D/P
11. ALTERNATE SOURCE(S) AFCCP D/O, Staff
12. ORIGATION TIME EOM
13. DESTINATION TIME 2 c/d FAOD
14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE
15. CONTENT: Typical

'C' Rating	A/C Poss	A/C CR	ME	WRSK	WPN Load Crews Assg.	WPN Load Crew Cert	Pers
C1	85%	71%	95-100%	95-100%	85-100%	70-100%	90%
C2	75%	51%	85-94%	85-94%	70-84%	50-69%	80%
C3	55%	40%	75-84%	70-84%	55-69%	25-49%	70%
C4	<55%	<40%	>74%	>69%	>68%	>24%	<70%

1. PLSS MESSAGE NO. L 301
2. REFERENCE & NO. DSD
3. TITLE Request for Limiting Factors, Trends and Operations Data
4. PURPOSE Support extended planning
5. FREQUENCY 2 PER Day PER ACCP
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Voice ALTERNATE Text
8. NOMINAL SIZE 250 CHARACTERS
9. SOURCE(S) AFCCP-War Plans-Current Plans (TACC)
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) AFCCP Staffs
12. ORIGINATION TIME ~ 0900, 1500 L
13. DESTINATION TIME 5 Min FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Request for guidance data for particular planning requirement

L 302

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FROM
PLSS
MESSAGE
LIST

L 303

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FROM
PLSS
MESSAGE
LIST

L 304

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FROM
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L 305

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FROM
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LIST

I-67

1. PLSS MESSAGE NO. L 306

2. REFERENCE & NO. DSD

3. TITLE Material Support Inquiry

4. PURPOSE Request information of support availability

5. FREQUENCY 1 PER D PER Mission
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital/Voice ALTERNATE Text

8. NOMINAL SIZE 100 AVE. 200 MAX. 300 CHARACTERS

9. SOURCE(S) TACC Current Plans, Current Operations

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME AR

13. DESTINATION TIME 10 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:

Particular item of concern.

1. PLSS MESSAGE NO. L 307

2. REFERENCE & NO. TTSA 022

3. TITLE Resources Coordination

4. PURPOSE Determine availability of resources for operations

5. FREQUENCY 1 PER Day PER SQDN
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Voice ALTERNATE Text

8. NOMINAL SIZE 800 CHARACTERS

9. SOURCE(S) AFCCP DO Plans

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME AR

13. DESTINATION TIME 5 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:

- a. Petroleum, oil, lubricant situation
- b. Aircraft and spares situation
- c. Availability and status of ordnance stores
- d. Other resources support data.

1. PLSS MESSAGE NO. L 308
2. REFERENCE & NO. DSD
3. TITLE Special Maintenance Requests - Immediate
4. PURPOSE Provide notice of requirements for special, VIP, or emergency mission support.
5. FREQUENCY 2 PER D PER Airbase
TIME UNIT
6. PRECEDENCE 1
7. MEDIUM: PRIMARY Voice ALTERNATE DIGITAL/TTY
8. NOMINAL SIZE 400 CHARACTERS
9. SOURCE(S) AFCCP STAFFS, TACTICAL UNITS
10. DESTINATION(S) AFCCP D/M Maintenance Staff
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME AR
13. DESTINATION TIME 10 Min - 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:

Details of needed support to be provided, e.g. aircraft configuration change, unscheduled handling, special turnaround, loading/unloading.

L309

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FROM
PLSS
MESSAGE
LIST

1. PLSS MESSAGE NO. L 310

2. REFERENCE & NO. TTSA 417

3. TITLE Aircraft/Aircrew Loss Report (LOSREP)

4. PURPOSE Provide follow-on information after (OPREP-3, incident report) on loss of aircraft/aircrew.

5. FREQUENCY 1 PER Loss PER Incident
TIME UNIT

6. PRECEDENCE 1

7. MEDIUM: PRIMARY Digital ALTERNATE TTY, Voice

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) TUOC, TACC

10. DESTINATION(S) AFCCP TACC, Tactical Air Operation, DM, staff

11. ALTERNATE SOURCE(S) Tactical unit

12. ORIGINATION TIME Within 1 H of incident

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- Type of report and type of loss.
- Aircraft identification: MDS, serial number, mission number, call sign, operational base, aircraft assignment, squadron UIC.
- Time and location of loss (i.e., of hit and of downing or loss status).
- Air crew identification: name, rank, AFSN, organization, station status.
- Mission and target information: type of mission, type of target (including area weather, area definition, ECM environment).
- Tactics: cause of loss, altitude, speed and basic maneuver when hit, effect of target defense on tactics, effect of WX on tactics, weapons carried when hit, disposition of ordnance, relevant communications for pilot not recovered.
- Search and rescue information: ejection and chute information, environment at rescue site, directing agency, extent of operation, date/time, group of success, time and place operation terminated.
- Remarks, including other essential information.

1. PLSS MESSAGE NO. L 311

2. REFERENCE & NO. RCS:1-HAF-V36 TTSA 414

3. TITLE Operations Event/Incident Report (OPREP-3)

4. PURPOSE Provide immediate notification of all significant events/incidents, actual or probable, of a military or political nature, which involve or may involve any Air Force activity.

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE 1, F

7. MEDIUM: PRIMARY Voice ALTERNATE TTY

8. NOMINAL SIZE 1500 CHARACTERS

9. SOURCE(S) TACC

10. DESTINATION(S) AFCCP-DM

11. ALTERNATE SOURCE(S) TUOC

12. ORIGATION TIME As Required

13. DESTINATION TIME 5 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- a. Name and location of unit submitting report
- b. Operation nickname, if applicable
- c. Mission identification; name, if applicable
- d. Reference to related OPREP-3(s)
- e. Type of event, incident, accident, or disturbance
- f. Date, time, and location
- g. Description of all known facts (12 items described in AFM-55-11)
- h. Compromise/espionage situation, if applicable.

NOTE: Initial voice submittal immediately after event/incident becomes known; follow-up reports as additional information develops. Record TTY reports will follow within one hour after voice report.

1. PLSS MESSAGE NO. L 312

2. REFERENCE & NO. DSD

3. TITLE Request for Site Survey

4. PURPOSE Determine Log Support Requirements

5. FREQUENCY 1 PER Week PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY TTY ALTERNATE Text

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) AFCCP War Plans-Current Plans

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) MAJCOM D/M

12. ORIGINATION TIME AR

13. DESTINATION TIME 1 H FAOT/1 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Request determination of log support requirements for candidate AFFOR operating base

1. PLSS MESSAGE NO. L 313
2. REFERENCE & NO. TTSA 001
3. TITLE Recommended Force Allocation List
4. PURPOSE Info to D/M staff for planning materiel support of up-coming operations.
5. FREQUENCY 1 PER W PER Wing
TIME UNIT
6. PRECEDENCE 1
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 100V CHARACTERS
9. SOURCE(S) AFCCP D/O TACC Plans
10. DESTINATION(S) AFCCP D/O, info AFCCP D/M
11. ALTERNATE SOURCE(S) War plans
12. ORIGINATION TIME 1200 Sat W
13. DESTINATION TIME 1/2 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Recommended force allocations.
 - (1) Counterair
 - (2) Air interdiction
 - (3) Close air support
 - (4) Air recon
 - (5) Airlift
 - (6) Aerial refueling
 - (7) Search and rescue
 - (8) Electronic warfare
 - b. Recommended alert force posture.
 - c. Recommended weapons.
 - d. Other force utilization.

1. PLSS MESSAGE NO. L 314

2. REFERENCE & NO. DSD

3. TITLE Request for Log Annex to an Ops/Mobility Plan

4. PURPOSE Determination of resource requirements

5. FREQUENCY 1 PER Week PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY TTY ALTERNATE Text

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) AFCCP-War Plans-Current Plans (TACC)

10. DESTINATION(S) AFCCP D/M Log Plans

11. ALTERNATE SOURCE(S) AFFOR Commander

12. ORIGINATION TIME AR

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE

15. CONTENT: Request for log support details to implement in Ops/Mobility Plan

1. PLSS MESSAGE NO. L 315
2. REFERENCE & NO. TTSA 028, 539
3. TITLE Operations Plan/Orders, AFFOR
4. PURPOSE The long-range operations plan and directive implementing the AFFOR Commanders plan
5. FREQUENCY 1 PER W PER Wing
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE Text
8. NOMINAL SIZE 5,000 CHARACTERS
9. SOURCE(S) AFCCP D/O (War Plans)
10. DESTINATION(S) AFFOR elements, AFCCP D/M
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 1800Sat-W
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- a. Current directives from higher headquarters which could affect the mission
 - b. Current operational data from control and terminal agencies
 - c. Target data (physical and operational characteristics)
 - d. Mission objective details
 - e. Mission and target priorities
 - f. Detailed statement of mission requirements and constraints
 - g. Selected types of carrier and ordnance
 - h. ECM employment
 - i. Selected tactics to be employed
 - j. Predicted mission impact on friendly ground forces
 - k. Selected executing units.

1. PLSS MESSAGE NO. L 316
2. REFERENCE & NO. TTSA 047
3. TITLE Operations Plan - Approval
4. PURPOSE Indicate approval of proposed operations plan
5. FREQUENCY 1 PER W TIME PER Wing UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TWX ALTERNATE Voice
8. NOMINAL SIZE 100 CHARACTERS
9. SOURCE(S) JF
10. DESTINATION(S) AFCCP D/O Staff (Plans), info D/M
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 1200 Sun (L)
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____
15. CONTENT:
- a. Approval Statement.
 - b. Remarks

1. PLSS MESSAGE NO. L 317
2. REFERENCE & NO. DSD (TACM 400-1)
3. TITLE AFFOR Deployment Plans
4. PURPOSE Provide mission, objectives, and related details for deploying Air Force Component
5. FREQUENCY 1 PER M PER Plan
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 60,000 CHARACTERS
9. SOURCE(S) D/O War Plans
10. DESTINATION(S) AFCCP-DM, TUOC, TUCPS, AFFOR elements
11. ALTERNATE SOURCE(S) AFCCP DM (Logistics Annex), DP (Personnel Annex)
12. ORIGINATION TIME FDOM
13. DESTINATION TIME 2 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Assignment and designation of various forces and operating locations, including:
- a. References
 - b. Situations and assumptions
 - c. Mission
 - d. Execution
 - e. Administration
 - f. Logistics Annex (Personnel Annex)
 - g. Command and Signal (C & E Annex)

L 401

DELETED
FROM
PLSS
MESSAGE
LIST

1. PLSS MESSAGE NO. L 402
2. REFERENCE & NO. DSD
3. TITLE Special Mission Requests
4. PURPOSE Provide notice of requirements for special, VIP, or emergency mission support.
5. FREQUENCY 1 PER D PER Airbase
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Voice ALTERNATE DIGITAL/TTY
8. NOMINAL SIZE 400 CHARACTERS
9. SOURCE(S) AFCCP STAFFS
10. DESTINATION(S) AFCCP D/M Maintenance Staff
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME On event
13. DESTINATION TIME ½ H FOAT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:

Details of needed support as can be provided.

1. PLSS MESSAGE NO. L-403

2. REFERENCE & NO. DSD (TTSA-663)

3. TITLE Staff Coordination

4. PURPOSE Coordination of miscellaneous material support matters

5. FREQUENCY 10 PER D PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY Voice ALTERNATE TTY, Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP Staffs, Lower echelon materiel units

10. DESTINATION(S) AFCCP D/M STAFFS

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As Required

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:

Coordination as required of miscellaneous materiel support matters.

1. PLSS MESSAGE NO. L 404
2. REFERENCE & NO. TTSA 041
3. TITLE Administrative Data
4. PURPOSE To define administration procedures and methods to be used in connection with operations plans
5. FREQUENCY 1 PER D PER Element
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Voice ALTERNATE Text
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) AFCCP staff elements
10. DESTINATION(S) AFFOR Commander, D/M staff, D/O staff
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME As required
13. DESTINATION TIME 2 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE + Narration
15. CONTENT: Message content will be narrative and variable; for example communication checks, authorized non-official traffic and telephone conversations.

1. PLSS MESSAGE NO. L 405

2. REFERENCE & NO. DSD

3. TITLE Request for Materiel Support Alternatives/Capabilities

4. PURPOSE Determine alternatives for planning operations

5. FREQUENCY 4 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Voice/text

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) AFCCP Staffs

10. DESTINATION(S) AFCCP D/ML

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME As required

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Requirement for alternatives of particular operational support.

1. PLSS MESSAGE NO. L 406
2. REFERENCE & NO. DSD
3. TITLE AFFOR TACS Annex, Deployment Plan (AFFOR)
4. PURPOSE _____
5. FREQUENCY 1 PER M PER TCG
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE Text
8. NOMINAL SIZE 10K CHARACTERS
9. SOURCE(S) CE Staff AFCCP
10. DESTINATION(S) TACGp, TASGp, AFCCP DM
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME FDOM
13. DESTINATION TIME 1 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:

(Per TACM 400-1)

1. PLSS MESSAGE NO. L 501

2. REFERENCE & NO. (TAC U60) TAC A-29-1

3. TITLE Aircraft Battle Damage and Crash Report

4. PURPOSE Provide information on aircraft battle damage or crash for material evaluation

5. FREQUENCY 1 PER incident PER unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) AFCCP DM

11. ALTERNATE SOURCE(S) Tactical Wing, Field Maintenance Squadron

12. ORIGATION TIME As required

13. DESTINATION TIME 1 H FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- MDS
- Serial Number
- Brief description of damage, and major assemblies requiring replacement
- Assistance required
- Total Estimated Manhours for Repair
- Flying Status of Aircraft
- Remarks, to include:
 - If aircraft damage is extensive, is economical or feasible repair possible;
 - Name, grade and telephone number of individual to contact possessing detailed knowledge of damage and aircraft situation.

1. PLSS MESSAGE NO. L 502

2. REFERENCE & NO. DSD (TTSA-512)

3. TITLE Resource status report, post mission

4. PURPOSE Report A/C status after return from mission

5. FREQUENCY 1 PER mission PER unit
TIME UNIT

6. PRECEDENCE P/I

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 450 CHARACTERS

9. SOURCE(S) TUOC

10. DESTINATION(S) TACC, AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical unit

12. ORIGINATION TIME ASAP after landing

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Unit
- (2) MDS
- (3) A/C Serial (s)
- (4) Turn-around confirmation
- (5) NORM
 - Tactical unit
 - Field maintenance
- (6) Battle damage
- (7) DIFM (estimated)

1. PLSS MESSAGE NO. L 503

2. REFERENCE & NO. (TAC U60) 1-LOG K77

3. TITLE Condition Inspection Report, AFTO Form 92

4. PURPOSE Provide data of damage to aerospace vehicle(s)

5. FREQUENCY As required PER incident PER squadron
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY TTY ALTERNATE mail

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) All units w/damaged A/C

10. DESTINATION(S) TAC, Appropriate LSM (AFLC), AFCCP O/M (EJ)

11. ALTERNATE SOURCE(S) tactical units, wings

12. ORIGINATION TIME As required

13. DESTINATION TIME 54 D FAOD

14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE

15. CONTENT: Condition of aerospace vehicles after damage incurred

- (1) Unit
- (2) Date-Time
- (3) MDS
- (4) A/C Damage
Serial
- (5) Type damage
- (6) Disposition
Destroyed
Repairable - EDIFM
Cannibalize

1. PLSS MESSAGE NO. L 504

2. REFERENCE & NO. DSD

3. TITLE Aircraft Movement Report - Special Missions

4. PURPOSE Provide data of departure and arrival aircraft on special missions, e.g., critical item cargo.

5. FREQUENCY Immediately on action PER action PER aircraft
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 150 CHARACTERS

9. SOURCE(S) ALCE, CCT, FAC

10. DESTINATION(S) AFCCP D/M (LRC), ALCC

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As required

13. DESTINATION TIME ½ H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Mission number, frag number, locations, times, deviations as necessary, aircraft ID.

1. PLSS MESSAGE NO. L 505
2. REFERENCE & NO. SDC I-9
3. TITLE Communications Maintenance Status
4. PURPOSE To provide communications order of battle
5. FREQUENCY 1 PER D PER Com. Ctr.
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) TCG, Mobile Comm. Sqdn/Group
10. DESTINATION(S) AFCCP-C/E staff, AFCCP-DM
11. ALTERNATE SOURCE(S) CRP, TACC
12. ORIGINATION TIME 2400 L
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- a. Site Number/Name
 - b. As of Date/Time
 - c. Total Number of Sets, by Type (AN/TRC-66, 10, etc.)
 - d. Total Number of Sets Nonoperational
 - e. Total number of circuits provided when all equipment is operational
 - f. Total number of circuits lost due to nonoperational equipment
 - g. Total number of circuits below the required number to meet minimum operational requirements
 - h. ETRO to meeting minimum operational requirements
 - i. Remarks

Note: There will be as many parts to this message as there are communications sets. Teletype, crypto and switching centers equipment will be included in these messages.

1. PLSS MESSAGE NO. L 506
2. REFERENCE & NO. TTSA 448
3. TITLE Communications - Electronics Operations Report (COMOPS)
4. PURPOSE Provide status of communications facilities equipment and personnel
5. FREQUENCY 1-2 PER D PER base
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE Voice
8. NOMINAL SIZE 200 CHARACTERS
9. SOURCE(S) TACS elements
10. DESTINATION(S) AFCCP C-E Staff, info D/M staff
11. ALTERNATE SOURCE(S) AFCS elements
12. ORIGINATION TIME 1200 Z, 2400 Z D
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- (1) Part I: Installation status.
Initial status and progress on installation of communications electronics facilities
- (2) Part II: Operational status.
- (a) Type of facility
- (b) Mode of operation or function
- (c) Status of operation (in or out) at end of reporting period.

1. PLSS MESSAGE NO. L 507
2. REFERENCE & NO. (TAC U60) HAF E60
3. TITLE Ground Comm - Electronics Status Report
4. PURPOSE Provide information on the current surveillance and control capability of the TACS.
5. FREQUENCY 1 PER day TIME PER com. ctr. UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 200 CHARACTERS
9. SOURCE(S) TCG
10. DESTINATION(S) AFCCP (TACC) - C/E, - D/M
11. ALTERNATE SOURCE(S) CRC/CRP
12. ORIGINATION TIME 0001 Z
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
 - (1) Type report/serial number of status message (01-99) commencing at 01 each day at 00001 (Z)
 - (2) Date/time (Z)
 - (3) Report initial/identifier of the facility
 - (4) Item code/cause code
 - (5) Date ETRO/time ETRO (Z)

An initial report will be transmitted when an item of equipment listed in the item code becomes inoperative and does not have an operational back-up adequate to prevent degradation of surveillance or control.

Equipment will be reported by item code and cause code.

1. PLSS MESSAGE NO. L 508

2. REFERENCE & NO. TTSA 447 (amended - DSD)

3. TITLE TACS Facility Status Report - Outage

4. PURPOSE Report of equipment outage - not operation, includes estimated time to repair

5. FREQUENCY 1 PER day TIME PER facility UNIT

6. PRECEDENCE P/I

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) TACS elements

10. DESTINATION(S) TACC, AFCCP GE Staff, AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As required

13. DESTINATION TIME 10 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Type report/serial number of station message (01-99)
commencing at 01 each day at 0001 (Z)
(2) Date/time (Z)
(3) Report amending/identifier of the facility
(4) Item code/cause code
(5) Date ETRO/time ETRO
(6) Remarks

1. PLSS MESSAGE NO. L 509

2. REFERENCE & NO. TTSA 446

3. TITLE TACS Facility Status Report - Operational

4. PURPOSE Provide TACS facility operational status also reporting equipment previously out-of-
action operational as required

5. FREQUENCY As required +4 PER D TIME PER Unit UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Voice ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) TACS elements

10. DESTINATION(S) TACC, AFCCP C-E staff, AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 0600Z, 1200Z, 1800Z, 2400Z

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Type report/serial number of status message (01-99)
commencing at 01 each day at 0001 (Z)
(2) Date/time (Z)
(3) Report operational/identifier of the facility
(4) Item code/cause code (see Note 2)
(5) Date ETRO/time ETRO (Z)
(6) Remarks.

1. PLSS MESSAGE NO. L 510

2. REFERENCE & NO. DSD

3. TITLE AFCS unit and equipment status report

4. PURPOSE AFCS unit and equipment status report

5. FREQUENCY 4 PER D PER squadron
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) Mobile Communications Squadrons

10. DESTINATION(S) AFCCP C-E staff, TACC, D/M staff

11. ALTERNATE SOURCE(S) Mobile Communication Group(s)

12. ORIGATION TIME 0600Z, 1200Z, 1800Z, 2400Z

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE

15. CONTENT: (1) Unit identification
(2) Message number
(3) Date (Time group)
(4) Equipment status
Ops
NORS
NORM
NORP
(5) ETTR (if required)
(6) Remarks

1. PLSS MESSAGE NO. L 511
2. REFERENCE & NO. (SDC) TAC S-54
3. TITLE Radar Status Report
4. PURPOSE Current radar status, including maintenance (TACR 65-3)
5. FREQUENCY 1 PER D TIME PER CRC UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 100 CHARACTERS
9. SOURCE(S) TCG
10. DESTINATION(S) AFCCP TACC, CE staff, D/M staff
11. ALTERNATE SOURCE(S) CRP, TACC
12. ORIGINATION TIME 1200 D
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
 - a. Site Number/Name
 - b. As of Date/Time
 - c. Type Radar
 - d. Condition (Ops, NORs, NORM, NORP)
 - e. ETRO (date/time)
 - f. Remarks (Major subassembly affected, parts required, etc.)

The message will include as many parts as required to provide the same information on each radar set within the command. All parts will be submitted once each month with the daily updating messages to include only the number of parts required to provide changes to the status.

1. PLSS MESSAGE NO. L 512
 2. REFERENCE & NO. DSD
 3. TITLE Sensor Reporting Post Status Report
 4. PURPOSE Report equipment, maintenance and personnel status of SRP
 5. FREQUENCY 1 PER D PER SRP
 TIME UNIT
 6. PRECEDENCE P
 7. MEDIUM: PRIMARY TTY ALTERNATE Voice
 8. NOMINAL SIZE 200 CHARACTERS
 9. SOURCE(S) SRP
 10. DESTINATION(S) AFCCP D/O, D/M, staff
 11. ALTERNATE SOURCE(S) _____
 12. ORIGINATION TIME 2400 D
 13. DESTINATION TIME 0600
 14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
 15. CONTENT: Equipment status
Maintenance status
NORM
NORS
Personnel
Trained
Qualified

1. PLSS MESSAGE NO. L 513

2. REFERENCE & NO. DSD

3. TITLE Operational Reports – Squadron

4. PURPOSE Provide data on daily mission activities

5. FREQUENCY 1 PER day PER Sqdn
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,500 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) AFCCP D/M, info AFCCP D/M

11. ALTERNATE SOURCE(S) TUOC

12. ORIGINATION TIME 1800 L D

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Daily aircraft mission performances by Squadron including:

- Profile
- Incidents
- Ordnance expended, cargo/passengers delivered
- Commander's estimate of operational success
- Loss damage
- Search and rescue
- Conditions/qualifications
- Statistical data
- Remarks.

1. PLSS MESSAGE NO. L 514
2. REFERENCE & NO. TTSA 443
3. TITLE Force Status Report (FORSTAT)
4. PURPOSE Provide status of AFFOR to higher/lateral commands, AFFOR, AFCCP staffs and AFFOR elements
5. FREQUENCY 1 PER D PER wing
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY, Text
8. NOMINAL SIZE (500 cards) 40,000 CHARACTERS
9. SOURCE(S) AFCCP D/O Staff
10. DESTINATION(S) Tactical units, TACS, AFCS, D/P, AFCCP D/M, TAC MAJCOM
11. ALTERNATE SOURCE(S) Tactical wings
12. ORIGATION TIME 0400 Z
13. DESTINATION TIME NLT 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
 - (1) Communication Header card (as defined by JANAP-12*)
 - (2) Security Classification/Special Handling card
 - (3) Report-Header card
 - (4) Detail-Data cards (as required for each unit reported on)
 - (a) unit information
 - (b) N/A
 - (c) unit readiness information
 - (d) personnel information
 - (e) unit equipment information
 - (f) SIOP information
 - (g) nuclear capability information
 - (h) plan information
 - (i) transportable communication equipment information
 - (j) remarks
 - (k) error/query
 - (l) N/A
 - (5) Report-End card
 - (6) End-of-Transmission card (as defined by JANAP-128)

00878A

1. PLSS MESSAGE NO. L 515
2. REFERENCE & NO. _____
3. TITLE Aerospace Vehicle Status
4. PURPOSE Report of operational status, usage and maintenance for previous 24 hour
period on aircraft possessed by unit.
5. FREQUENCY 1 PER 0 PER unit
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) Tactical unit
10. DESTINATION(S) TAC, AFCCP OM (EJ)
11. ALTERNATE SOURCE(S) Tactical wing
12. ORIGINATION TIME 2400 D previous
13. DESTINATION TIME 1800 D
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT:

Part I Maintenance Summary

- (1) Command Code
- (2) MDS
- (3) Unit Organization Number, Kind and Type
- (4) Aerospace Vehicle Assignment Status Code
- (5) Station Code
- (6) Hours Possessed
- (7) Hours Spent in:
 - o Unscheduled Maintenance
 - o Periodic ISR or Phased Inspection
 - o Hourly Post Flight
 - o Basic Post Flight
 - o Awaiting Maintenance
 - o TC*TO
 - o NORS
 - o Test Flight
 - o Crash/Battle Damage

Part II Operations Summary

- (1) Command Code
- (2) Mission Symbol
- (3) MDS Aircraft
- (4) Unit Organization Number, Kind and Type
- (5) Aerospace Vehicle Assignment Status Code
- (6) Station Code
- (7) Total Landings
- (8) Total Sorties
- (9) Total Hours Flown
- (10) Mission Hours Flown

1. PLSS MESSAGE NO. L 516
2. REFERENCE & NO. DSD
3. TITLE Airlift Aircraft Status Report
4. PURPOSE To report current and projected aircraft periodic maintenance and aircraft out of commission.
5. FREQUENCY Upon change PER change PER SQDN
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 300 CHARACTERS
9. SOURCE(S) Airlift Squadron
10. DESTINATION(S) AFFCP D/M
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME AR
13. DESTINATION TIME ½ H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Squadron aircraft status and times of status change for each aircraft.

1. PLSS MESSAGE NO. L 517

2. REFERENCE & NO. TTSA 450

3. TITLE AR, SAR, SAO Tactical unit status report

4. PURPOSE Provide aircraft and aircrew availability

5. FREQUENCY 3 PER D PER squadron
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) AR, SAO, SAR Tactical unit, Squadron

10. DESTINATION(S) AFCCP D/O, TACC, AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical airbase

12. ORIGATION TIME 0100Z, 0800Z, 1600Z, D

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____

15. CONTENT: (1) Reporting unit designation
(2) Location
(3) As of time (GMT)
(4) Type of aircraft possessed (MDS)
(5) Number of aircraft and crews assigned
(6) Number of aircraft and crews possessed
(7) Number of aircraft and crews operationally ready
(8) Number of aircraft and crews committed
(9) Estimated number of aircraft and crews operationally ready in next 8 hours.
(10) Limiting factors.

1. PLSS MESSAGE NO. L 518
2. REFERENCE & NO. TTSA 451
3. TITLE AR, SAR, SAO Tactical unit Status change
4. PURPOSE Provide information on changes in aircraft and aircrew availability
5. FREQUENCY 1 PER Day PER Squadron
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Voice ALTERNATE digital/TTY
8. NOMINAL SIZE 120 CHARACTERS
9. SOURCE(S) AR, SAR, SAO Tactical unit, squadron
10. DESTINATION(S) AFCCP D/O, TACC, AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical airbase
12. ORIGINATION TIME As required
13. DESTINATION TIME ½H FAOT
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT: (1) Reporting unit designation
(2) Location
(3) As of time (GMT)
(4) Type of aircraft possessed (MDS)
(5) Number of aircraft and crews operationally ready
(6) Number of aircraft and crews committed.

1. PLSS MESSAGE NO. L 519

2. REFERENCE & NO. (TAC U60) HAF-S52

3. TITLE Aerospace Vehicle & Selected Items or Equipment Report

4. PURPOSE Provide information on status of selected vehicle item or equipment

5. FREQUENCY 1 PER day TIME PER base 0.6 UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) Airbase

10. DESTINATION(S) AFCCP-DM . AFLC. TAC

11. ALTERNATE SOURCE(S) Tactical unit, wing, field maintenance squadron

12. ORIGINATION TIME 2400 D

13. DESTINATION TIME 1200 L

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Airbase
(2) Date Time
(3) MDS, item, equipment identifier
(4) Authorize
(5) Possessed
(6) Status
Operational
NORM
NORS
E DIFM

1. PLSS MESSAGE NO. L 520

2. REFERENCE & NO. (TAC U60) 4-LOG-S288

3. TITLE Daily Critical Item Report

4. PURPOSE To identify and control most critical items in AF inventory. (Used by AFCC inventory managers)

5. FREQUENCY 4 PER day TIME PER Base UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) Air base supply

10. DESTINATION(S) TAC, AFLC, AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME 2400 Z

13. DESTINATION TIME 0100 Z

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Federal stock number
 (2) Weapon system
 (3) Unit of issue
 (4) Expendability
 (5) Routing identifier
 (6) Nomenclature
 (7) Unit price
 (8) Authorized level
 (9) Number serviceable and on-hand
 (10) Number unserviceable and on-hand
 (11) War reserve material (WRM) level
 (12) WRM on hand
 (13) Total due in
 (14) Total due out
 (15) Total number received
 (16) Total number not repairable this station (NRTS)
 (17) Total number condemned
 (18) Total number due in for maintenance (DIFM).

1. PLSS MESSAGE NO. L 521
2. REFERENCE & NO. (TACR 67-4) 1-HAF-A1(TAC-1)
3. TITLE Daily NORS Report
4. PURPOSE Provide NORS data per TACR 67-4
5. FREQUENCY 1 PER D TIME PER unit UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 300 CHARACTERS
9. SOURCE(S) Tactical unit
10. DESTINATION(S) TAC, AFCCP DM
11. ALTERNATE SOURCE(S) Tactical wing, base supply
12. ORIGINATION TIME 2400 D previous
13. DESTINATION TIME 0800 D
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: (1) Unit designator
(2) Date-Time
(3) Location
(4) NORS rate by unit (%)
(5) NORS first demand item codes
(6) ANORS first demand codes

1. PLSS MESSAGE NO. L 522
2. REFERENCE & NO. (TACR 66-18) TAC K29
3. TITLE Maintenance Status Report
4. PURPOSE Per TACR 66-18, reporting status of all possessed aircraft by Tactical wings, units in the TACOP FORSTAT
5. FREQUENCY 4 PER day TIME PER wing UNIT
6. PRECEDENCE I/P
7. MEDIUM: PRIMARY Digital ALTERNATE Teletype
8. NOMINAL SIZE 800 CHARACTERS
9. SOURCE(S) Tactical wings
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical units
12. ORIGINATION TIME ~0600, 1200, 1800, 2400 Z
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: PART I - WING TOTALS

<u>MDS</u>	<u>No. Acft Possessed</u>	<u>No. Acft (GS)</u>	<u>No. Acft (GM)</u>	<u>No. Acft (FS)</u>	<u>No. Acft (FM)</u>	<u>No. Acft Non-Operating Active and Inactive</u>
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Aircraft possessed in non-operating active and inactive codes will be shown in Column 6, "No. Acft Non-Operating Active and Inactive." Column 1, "No. Acft Possessed," will not include aircraft reported in Column 6. G(Grounded), F(Flyable), S(Supply), M(Maintenance)

PART II - SQUADRON

Aircraft reported in a GS or FS condition will be identified in Part II by serial number, GS or FS, part(s) required and proper work unit code. In addition, aircraft reported in Column 6 will be identified in Part II by serial number, and proper assignment status code. ETCR (Estimated Time, Combat Ready).

Squadron No. Location

<u>MDS</u>	<u>S/N</u>	<u>Reason Acft Not CR</u>	<u>ETCR</u>
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PART III - ABORT INFORMATION (WING TOTALS)

<u>MDS</u>	<u>Sorties Flown</u>	<u>Air Aborts</u>	<u>Ground Aborts</u>
<u>S/N</u>	<u>Type</u>	<u>Reason</u>	<u>WU</u>

Each report will contain the abort information since the last report submitted.

1. PLSS MESSAGE NO. L 523

2. REFERENCE & NO. (TAC U 60) LOG K99

3. TITLE Release of Aircraft or Missile from grounding status

4. PURPOSE Information of aircraft availability

5. FREQUENCY 1 PER day PER SQDN
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) All units w/tactical aircraft

10. DESTINATION(S) TAC, AFCCP D/MM

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME 2400 D

13. DESTINATION TIME 1 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Various

1. PLSS MESSAGE NO. L 524
2. REFERENCE & NO. DSD
3. TITLE Aircraft NORM - assigned to intermediate maintenance
4. PURPOSE _____
5. FREQUENCY 1 PER event PER SQDN
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 120 CHARACTERS
9. SOURCE(S) Tactical unit
10. DESTINATION(S) AFCCP D/M staff
11. ALTERNATE SOURCE(S) Tactical wing, field maintenance squadron
12. ORIGINATION TIME AR
13. DESTINATION TIME ½ H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:

Unit
MDS
A/C Serial Number
NORM - assigned to intermediate maintenance
System
Airframe
Engine
Avionics
Armament/Sensor
Environmental Control
Estimated DIFM

1. PLSS MESSAGE NO. L 525

2. REFERENCE & NO. DSD

3. TITLE Due in from Maintenance report (Aircraft)

4. PURPOSE _____

5. FREQUENCY 1 PER D PER SQDN
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical wing, field maintenance squadron

12. ORIGINATION TIME AR

13. DESTINATION TIME ½ H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Aircraft DIFM
Unit maintenance
Field maintenance
(Intermediate)

1. PLSS MESSAGE NO. L 526

2. REFERENCE & NO. (SDC 15) TAC S54

3. TITLE Selected Ammunition Status Report

4. PURPOSE Provide information on selected ammunition

5. FREQUENCY 1 PER Day PER airbase
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 100 CHARACTERS

9. SOURCE(S) Airbase supply (munitions)

10. DESTINATION(S) TAC, AFCCP D/MMM

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As required

13. DESTINATION TIME 1C/DFAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: a. Serial Number of Item
b. Item Name
c. Serviceable Quantity on Hand
d. Quantity Authorized
e. Remarks

1. PLSS MESSAGE NO. L 527

2. REFERENCE & NO. (TAC U60) 1 E 19

3. TITLE Mobility (Mission) Equipment Shortage/Deficiency

4. PURPOSE Mobility (Mission) Equipment Shortage/Deficiency (per TACR 67-7 Section B)

5. FREQUENCY 1 PER day PER unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 120 CHARACTERS

9. SOURCE(S) Tactical units

10. DESTINATION(S) TAC, AFCCP DM (EJ)

11. ALTERNATE SOURCE(S) Tactical wings

12. ORIGINATION TIME 1600 L

13. DESTINATION TIME 0800 L

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Unit designator
- (2) Date Time RCS
- (3) Shortage condition
 - Additional aircraft required
 - Possessed weapon systems requires modification
 - Increased ME authorization required
 - Previously possessed equipment lost, transferred or condemned.

1. PLSS MESSAGE NO. L 528
2. REFERENCE & NO. (TACU60) TAC S31
3. TITLE Selected items report
4. PURPOSE Report of NORS on selected support items. Example: LOX generator AOCP.
5. FREQUENCY 5 PER day PER base
TIME UNIT
6. PRECEDENCE P (EJ)
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 200 CHARACTERS
9. SOURCE(S) Air base (supply)
10. DESTINATION(S) TAC, AFCCP DM
11. ALTERNATE SOURCE(S) Tactical unit, wing
12. ORIGINATION TIME As required
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: (1) Serial number of item
(2) Item name
(3) Quantity on hand
(4) Quantity authorized
(5) Quantity on order
(6) Quantity installed (as applicable)

1. PLSS MESSAGE NO. L 529
2. REFERENCE & NO. DSD
3. TITLE Airbase Status Report
4. PURPOSE Provide data of runway, status, etc.
5. FREQUENCY 2 PER D TIME PER airbase UNIT
6. PRECEDENCE R/P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 200 CHARACTERS
9. SOURCE(S) TUOC Materiel Rep
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 0600, 1200 (L)
13. DESTINATION TIME ½ H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Details on runway status, condition, operational constraints at airbase.
Content:
(1) Date/time of report
(2) Air base
(3) Active runway
(4) Conditions of active runway/braking action.

1. PLSS MESSAGE NO. P 530
2. REFERENCE & NO. TTSA 418 8
3. TITLE Installation damage report (INREP)
4. PURPOSE Provide essential info installations following an attack
5. FREQUENCY 1 PER Event PER Tactical wing
TIME UNIT
6. PRECEDENCE P/1
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1,000 CHARACTERS
9. SOURCE(S) Tactical unit, wing
10. DESTINATION(S) AFCCP D/M, Staff, Staff Engineer
11. ALTERNATE SOURCE(S) Airbase, AFFOR installations
12. ORIGINATION TIME As required (within 1 H of incident)
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- (1) Name of installation
 - (2) Time and approximate location of impact
 - (3) Extent of damage; i.e., list of structures/facilities destroyed/ percent damaged, overall percent destroyed/damaged.
 - (4) Operational factors including runway, taxiway, ramp conditions, NAVAIDS usable, servicing and support equipment available, and status of war readiness materials storage (if any)
 - (5) Types of communication available and operational
 - (6) Support factors including housing and messing capacity, extent of damage to transportation, and status of medical facilities
 - (7) Remarks, including restoration progress, current and planned.

1. PLSS MESSAGE NO. L 531
2. REFERENCE & NO. DSD
3. TITLE Aerial Port Equipment and Manning Report
4. PURPOSE To report location and condition of equipment and personnel
5. FREQUENCY Upon change PER Day PER APS
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 300 CHARACTERS
9. SOURCE(S) Aerial Port Operations Center
10. DESTINATION(S) AFCCP D/M, ALCC
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 2400Z D
13. DESTINATION TIME 0600Z
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Time of report, equipment status, personnel status.

1. PLSS MESSAGE NO. L 532

2. REFERENCE & NO. TTSA 460

3. TITLE Tactical Unit Munitions Status Report

4. PURPOSE Munitions availability information (local base)

5. FREQUENCY 1 PER D PER Sqdn
TIME UNIT

6. PRECEDENCE _____

7. MEDIUM: PRIMARY TTY ALTERNATE Voice

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) TUOC

10. DESTINATION(S) TACC, AFCCP D/M

11. ALTERNATE SOURCE(S) Air base supply/munitions squadron, tactical wing

12. ORIGINATION TIME 2400 Z

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Unit
- (2) As of time (GMT)
- (3) Type munition/rounds on hand
- (4) Rounds on hand but not usable
- (5) Reason for (4); expected time rounds will be usable.

Note: This report will be submitted by each squadron possessing aircraft weapons systems. After initial establishment of data, any changes in munitions status not resulting from expenditure will be submitted by voice to the TACC Weapons Planning Branch concerned.

1. PLSS MESSAGE NO. L 533

2. REFERENCE & NO. DSD

3. TITLE Pylon Configuration

4. PURPOSE Furnish war plans/TACC with configurations in preparing frag/opns orders –
maintained by AFCCP D/M

5. FREQUENCY 1 PER day PER base
TIME UNIT

6. PRECEDENCE C-2

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) Tactical unit/wing

10. DESTINATION(S) AFCCP-DM

11. ALTERNATE SOURCE(S) Airbase supply

12. ORIGINATION TIME 1200 Z

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: MDS

Pylon configuration	by type and configuration
Number A/C equipped	at each air base
Unit	
Time required to install	

1. PLSS MESSAGE NO. L 534
2. REFERENCE & NO. TTSA 419A
3. TITLE Petroleum Damage/Deficiency Report (REPOL)
4. PURPOSE Provide summary information on the damage and deficiencies affecting bulk petroleum supplies, storage, and distribution systems.
5. FREQUENCY 1 PER D TIME PER base UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE _____
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) Tactical air base supply squadron
10. DESTINATION(S) AFCCP D/M, staff
11. ALTERNATE SOURCE(S) Tactical unit, tactical wing
12. ORIGINATION TIME As reqd or 2400 Z
13. DESTINATION TIME 0100 F/O
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- A. Facility damage
 - 1. Facility identification
 - 2. General description and significance of damage
 - 3. Estimated residual storage and distribution facilities
 - 4. Estimated date for repairs completed and facilities operational
 - 5. Changes in damage and deficiencies previously reported
 - B. Deficiencies
 - 1. Estimate of remaining usable product
 - 2. Quantity and time in which resupply is required, including information on tanker type that can be accommodated, command or geographical area affected by storage, and alternate port of discharge for tanker, if required.
 - C. Remarks

1. PLSS MESSAGE NO. L 535

2. REFERENCE & NO. (TAC U60) 1 HAF S18

3. TITLE USAF Ammunition Inventory and Activity Report

4. PURPOSE USAF Ammunition Inventory and Activity Report

5. FREQUENCY 1 PER Week PER base
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Mail, Text

8. NOMINAL SIZE 720 CHARACTERS

9. SOURCE(S) Air base

10. DESTINATION(S) AFCCP-DM, TACC

11. ALTERNATE SOURCE(S) Tactical unit

12. ORIGINATION TIME COB Thurs

13. DESTINATION TIME 1700 FRI

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Federal Stock Number
Combat Stock Level
Opening Balance
Receipts
Transfer
Expenditures
Closing balance
Suspended

1. PLSS MESSAGE NO. L 536
2. REFERENCE & NO. (TAC 060) HAF S112
3. TITLE (U) Emergency Ammunition Reporting for Logistics Actions Programming
4. PURPOSE _____
5. FREQUENCY as required PER _____ PER airbase
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 300 CHARACTERS
9. SOURCE(S) airbase
10. DESTINATION(S) TAC, AFCCP D/MM
11. ALTERNATE SOURCE(S) Tactical unit, wing
12. ORIGINATION TIME as required
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Classified - includes: Unit (base)
Date-Time
Ammunition identifier
Authorized
Possessed

(Used for logistics forecast for ammunition resupply)

1. PLSS MESSAGE NO. L 537

2. REFERENCE & NO. (TAC U60) TAC T29

3. TITLE Munitions Loading Crew and Equipment Status Report

4. PURPOSE Preparation of "C-rating" requires crew data

5. FREQUENCY 1 PER W PER unit
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) All units w/munitions services functions (TFS)

10. DESTINATION(S) TAC, AFCCP DMM

11. ALTERNATE SOURCE(S) Tactical fighter wings

12. ORIGINATION TIME As required W & M (EOM)

13. DESTINATION TIME W 1 C/D FAOD M 6 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Loading crew personnel
Authorized
Assigned
Crews certified
Crews in training
Equipment authorized
Assigned
Difficulties

1. PLSS MESSAGE NO. L 538

2. REFERENCE & NO. TAC U-54

3. TITLE Fuel capability and Status report

4. PURPOSE Fuel consumption & POL personnel status report

5. FREQUENCY 1 PER W(EJ) PER airbase
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) Airbase supply (POL manager)

10. DESTINATION(S) AFCCP D/M staff

11. ALTERNATE SOURCE(S) tactical wing, combat support group

12. ORIGATION TIME 1700 Fri W

13. DESTINATION TIME 1140 FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Part I Personnel Status (POL)

a. Authorized

b. Assigned

Part II Personnel Status (LOX)

a. Authorized

b. Assigned

Part III Servicing Data

a. Amount of Fuel Received by Mode of Transportation

b. Amount of Fuel Dispensed

c. Number of Aircraft Serviced

Part IV Planning Data

a. Total Gallons Issued by Hydrant System

b. Total Gallons Issued by Refueling Unit

c. Percent Total Overall Gain/Loss

1. PLSS MESSAGE NO. L 539
2. REFERENCE & NO. TTSA 039
3. TITLE Ordnance and Aircraft Resources
4. PURPOSE Identify resources available for operations plan
5. FREQUENCY 1 PER W tactical wing
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY TTY ALTERNATE Voice
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) Tactical Wing
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical unit
12. ORIGINATION TIME 2400 Fri W
13. DESTINATION TIME 0800 Sat
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Identification of resources and programmed flow of replacements covering such items as the following:
- (1) Aircraft
 - (2) Ordnance
 - (3) Petroleum, oil, lubricant
 - (4) Spares
 - (5) Support supplies, etc.

1. PLSS MESSAGE NO. L 540

2. REFERENCE & NO. (TAOU60) 4HAF-K13

3. TITLE Fire Fighting Vehicles - Out of commission - Return to operations

4. PURPOSE Same as title (per AFM 66-12)

5. FREQUENCY 2 PER W PER Base
TIME UNIT

6. PRECEDENCE P/R (EJ)

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 150 CHARACTERS

9. SOURCE(S) Tactical bases, wings

10. DESTINATION(S) AFCCP DM, TAC

11. ALTERNATE SOURCE(S) MAJCOM

12. ORIGINATION TIME Within/H of change

13. DESTINATION TIME ½ H FAOT

14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE

15. CONTENT: Variable

1. PLSS MESSAGE NO. L 541
2. REFERENCE & NO. (TAC U 60) HAF-S75
3. TITLE Analysis of Aviation Fuels Activity
4. PURPOSE Quantity Variations from all each type & grade of fuel
5. FREQUENCY 1 PER (N(E)) PER Base
TIME UNIT
6. PRECEDENCE R (EJ)
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) Airbase
10. DESTINATION(S) TAC, SAAMA (AFLC), info AFCCP DM
11. ALTERNATE SOURCE(S) tactical unit, wing
12. ORIGINATION TIME 1700 Sat
13. DESTINATION TIME 24D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: (1) Airbase
(2) Date-time group
(3) Report number
(4) Fuel type identifier
Grade
Normal
Variation

1. PLSS MESSAGE NO. L 542

2. REFERENCE & NO. (SDC) 2 HAF-A1

3. TITLE Aerospace Vehicle Inventory Change

4. PURPOSE _____

5. FREQUENCY 1 PER W PER Sqdn
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) TAC, AFCCP DM

11. ALTERNATE SOURCE(S) Tactical wing, CS Group

12. ORIGINATION TIME As required

13. DESTINATION TIME 1 c/o FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Organization Number, Kind and Type
(2) Nature of Transaction (gain, loss, etc.)
(3) MDS
(4) Serial Number of Aircraft
(5) Aerospace Vehicle Assignment Status Code
(6) Receiving Organization
(7) Date, Time of Transaction

1. PLSS MESSAGE NO. L 543

2. REFERENCE & NO. (TACR 66-10) TAC A25

3. TITLE Aircraft Status Report

4. PURPOSE Report of all possessed aircraft

5. FREQUENCY 1 PER W PER airbase
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 1000 CHARACTERS

9. SOURCE(S) Tactical wing

10. DESTINATION(S) TAC, AFCCP DM

11. ALTERNATE SOURCE(S) Tactical unit

12. ORIGINATION TIME 2400 Sun

13. DESTINATION TIME 2400 Mon

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Squadron, unit, wing
(2) Location
(3) Date-Time group
(4) MDS
(5) A/C Serial numbers
(6) NORS
MDS
A/C Serial
(7) NORM
MDS
A/C Serial
EDIFM

1. PLSS MESSAGE NO. L 544
2. REFERENCE & NO. (TAC U60) TAC U-61
3. TITLE Reconnaissance Sensor Report
4. PURPOSE Reconnaissance Sensor Report
5. FREQUENCY 1 PER W PER Unit
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 120 CHARACTERS
9. SOURCE(S) Tactical Reconnaissance unit
10. DESTINATION(S) TAC, AFCCP DM
11. ALTERNATE SOURCE(S) Tactical wing
12. ORIGINATION TIME 2400 Sun W
13. DESTINATION TIME 1200 Tue
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: In and Out of Commission, by type, comments.

1. PLSS MESSAGE NO. L 545

2. REFERENCE & NO. (TAC U60XTAC K37)

3. TITLE Selected Avionics Systems Report

4. PURPOSE (per TACR 66-30)

5. FREQUENCY 1 PER W PER squadron
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) tactical unit

10. DESTINATION(S) TAC, AFCCP C-E, D/M Staffs

11. ALTERNATE SOURCE(S) Tactical wings

12. ORIGINATION TIME 1200 Friday W

13. DESTINATION TIME 0800 Sat

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Unit designator
- (2) Date-Time RCS
- (3) Period covered
- (4) Avionics system designator
 - MDS
 - A/C Serials
 - Avionics condition
 - Operational
 - NORS
 - NORM
 - EDIFM

1. PLSS MESSAGE NO. L 546
2. REFERENCE & NO. (TACR 67-7 Section C)
3. TITLE Aerospace Ground Equipment Shortage/Overage
4. PURPOSE Report shortage/overage of AGE
5. FREQUENCY 1 PER W PER unit
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) Tactical unit
10. DESTINATION(S) TAC, AFCCP DM
11. ALTERNATE SOURCE(S) Tactical wings
12. ORIGINATION TIME 2400 Fri
13. DESTINATION TIME 0800 Mon.
14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____
15. CONTENT: (1) Unit designator
(2) Location
(3) Date-Time Group
(4) AGE designator
(5) Shortage/Overage Identifier
(6) Remarks

1. PLSS MESSAGE NO. L 547

2. REFERENCE & NO. (TAC U60) TAC E21

3. TITLE Weekly Vehicle Status Report

4. PURPOSE Same as title

5. FREQUENCY 1 PER W TIME PER base UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) Tactical airbase

10. DESTINATION(S) TAC, AFCCP D/MT

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME 1700 Fri

13. DESTINATION TIME 1700 FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Base
 (2) Date-time group
 (3) Vehicle identifies (S)
 Authorized
 Possessed
 Operational
 NORS
 NORM
 EDIFM

1. PLSS MESSAGE NO. L 548
2. REFERENCE & NO. (TAC U-60) LOG J-95
3. TITLE Payload Report, Logair
4. PURPOSE Information and guidance for planning
5. FREQUENCY 1 PER M PER AL station
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY digital ALTERNATE _____
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) Area Logair stations
10. DESTINATION(S) TAC, info AFCCP D/M
11. ALTERNATE SOURCE(S) ALCE's, APSqdns.
12. ORIGATION TIME As required
13. DESTINATION TIME 1 I/O FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- (1) Preparing station designator
 - (2) Flight information
 - A/C
 - Routing
 - (3) Crew information
 - (4) Cargo
 - Passengers
 - Pallets
 - (5) Remarks

1. PLSS MESSAGE NO. L 549
2. REFERENCE & NO. (TAC U60) HAF-S52 (TAC 1)
3. TITLE Weekly Engine NORS & AGE Rates.
4. PURPOSE _____
5. FREQUENCY 1 PER W PER base
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) Air base supply
10. DESTINATION(S) TAC, AFCCP DMS
11. ALTERNATE SOURCE(S) Tactical unit. wing: field maintenance squadron.
12. ORIGINATION TIME 1200 Fri.
13. DESTINATION TIME 1200 Mon foll
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Average number of engines and AGE items possessed during a 7 day period.
Average number of engines NORS

1. PLSS MESSAGE NO. L 550
2. REFERENCE & NO. (TACR 67-4) TAC S-33
3. TITLE NORS Special Reports
4. PURPOSE Required by Paragraph 7 TACR 67-4 of any unit w/NORS rate 75%
5. FREQUENCY AR then 1 PER W PER Squadron
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 500 CHARACTERS
9. SOURCE(S) Tactical unit
10. DESTINATION(S) TAC, AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical wing
12. ORIGINATION TIME AR + 1200 Wed W
13. DESTINATION TIME 48 Hr. FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Background later on supply deficiencies. Utilizes TAC Form 157.

1. PLSS MESSAGE NO. L 551
2. REFERENCE & NO. DSD
3. TITLE Surplus/Deficiency Reports - Squadron
4. PURPOSE Provide data on key items of inventory unbalance.
5. FREQUENCY 1 PER week PER squadron
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY TTY ALTERNATE Test
8. NOMINAL SIZE 1500 CHARACTERS
9. SOURCE(S) Tactical squadron
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical wing
12. ORIGINATION TIME 1800 Fri W
13. DESTINATION TIME 0800 Sat.
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Tabulations of key items and services in excess of programmed inventory levels or below minimum inventory thresholds for each squadron of (AFFOR).

1. PLSS MESSAGE NO. L 552
2. REFERENCE & NO. TTSA 445
3. TITLE TACS Facility Status Report - Initial
4. PURPOSE Initialization of facility status data base
5. FREQUENCY 1 PER week PER TACS unit
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE voice TTY
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) TACS elements, TUOCs, ASRTS, CRC/CRP,
10. DESTINATION(S) AFCCPC-E, TACC, AFCCP D/M
11. ALTERNATE SOURCE(S) ALCE, TACP, FAC's
12. ORIGINATION TIME 2400Z
13. DESTINATION TIME 0800Z FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: (1) Type report/serial number of status message (01-99)
commencing at 01 each day at 0001 (Z)
(2) Date/time (Z)
(3) Report initial/identifier of the facility
(4) Item code/cause code
(5) Date ETRO/time ETRO (Z)

1. PLSS MESSAGE NO. L 553

2. REFERENCE & NO. (2) (TAC-U60) (AFM67-1) 1-HAF SLL

3. TITLE WRM Consumables Operational Exception

4. PURPOSE Increases or decreases in war consumable WRM assets and reconciliation

5. FREQUENCY 1 PER month PER TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 5000 CHARACTERS

9. SOURCE(S) Tab supply

10. DESTINATION(S) HQ TAC, AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGATION TIME 20 c/0

13. DESTINATION TIME 440 FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Stock number
- (2) Interchangeable FIIN
- (3) Item Identity Code
- (4) Unit of issue
- (5) Reporting Command
- (6) Reporting base
- (7) Planned Operating base (POB)
- (8) Area and subarea of POB
- (9) Using Command Code
- (10) WCDO Authorized Quantity
- (11) Total assets on hand for using Command
- (12) Actual Storage Location
- (13) Area and Subarea of Storage location
- (14) Item code
- (15) Total Serv. Assets for Using Command
- (16) Reporting Date
- (17) Action Code

1. PLSS MESSAGE NO. L 554

2. REFERENCE & NO. (AFM 400-1) (TAC U60) 1 LOG-A29

3. TITLE Engine Data Variance Report

4. PURPOSE Submission of connected engine status data cards (per AFM 400-1)

5. FREQUENCY 2 PER M Base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) Tactical units, wings

10. DESTINATION(S) TAC, Prime AMA, info AFCCP DM

11. ALTERNATE SOURCE(S) Airbase

12. ORIGINATION TIME As required

13. DESTINATION TIME 1 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Per AFM 400-1

1. PLSS MESSAGE NO. L 555
2. REFERENCE & NO. (TAC U60) HAF-A40 (TAC-1)
3. TITLE Propulsion Unit Report
4. PURPOSE _____
5. FREQUENCY 2 PER M TIME PER base UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY digital ALTERNATE TTY
8. NOMINAL SIZE 4000 CHARACTERS
9. SOURCE(S) Tactical base (supply-engine manager)
10. DESTINATION(S) TAC, AFCCP DMS
11. ALTERNATE SOURCE(S) Tactical unit, wing, field maintenance squadron
12. ORIGINATION TIME 1 - 15 DOM
13. DESTINATION TIME 3 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: TAC Form 55

Reflect current status of engines at base, past month engine field maintenance performance, repairable processing days to evacuate repairable engines. Includes:

- | | |
|--------------------------|-------------------------------|
| (1) Type letter | (14) Station to be from |
| (2) Type number | (15) Method of transportation |
| (3) Model number | (16) Engine status |
| (4) Modification symbol | (17) Engine location |
| (5) Engine serial number | (18) Engine condition |
| (6) Major command | (19) Document number |
| (7) Sub command | (20) Primary defective No. |
| (8) Component | (21) Aircraft designation |
| (9) Station number | (22) Aircraft serial No. |
| (10) Account code | (23) Reason for removal |
| (11) Type of report | (24) Type of container |
| (12) As of date | (25) Operating Minutes/Hours |
| (13) Sequence number | |

1. PLSS MESSAGE NO. L 556
2. REFERENCE & NO. TACR 66-9 (TAC U60) TAC A-28
3. TITLE Equipment Maintenance Report of Communication, Electronic & Photographic Equipment
4. PURPOSE Equipment Maintenance Report of Communication, Electronic and Photographic Equipment (per TACR 66-9)
5. FREQUENCY 1 PER Month PER wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 5000 CHARACTERS
9. SOURCE(S) Tactical wings
10. DESTINATION(S) TAC, AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical units
12. ORIGATION TIME EOM
13. DESTINATION TIME 2 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:
- (1) Date
 - (2) Wing, group, squadron. location
 - (3) Aircraft
 - (1) Type
 - (2) Serial number
 - (3) Equipment installed (complete system)
 - (4) Remarks

1. PLSS MESSAGE NO. L 557

2. REFERENCE & NO. (DSO)

3. TITLE Initialization-Airbase Fire-fighting Equipment Status

4. PURPOSE Entry of airbase fire fighting equipment status on initiation of sustained tactical operations (per AFM 2-40)

5. FREQUENCY 1 PER base TIME PER 0.6 UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY digital ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) Tactical unit/wing each airbase

10. DESTINATION(S) AECCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2 H F Deployment

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Airbase
- (2) Date-Time
- (3) Type equipment
 - Authorized
 - Assigned
 - NORM
 - NORS
- (4) Personnel
 - Authorized
 - Assigned
 - In Training
 - Qualified/Certified

1. PLSS MESSAGE NO. L 558

2. REFERENCE & NO. DSD

3. TITLE Materiel Status - Shortfall

4. PURPOSE Provide data of materiel shortfalls following deployment to operating base

5. FREQUENCY 1 PER Deployment PER Squadron
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 3,000 CHARACTERS

9. SOURCE(S) Tactical Squadron, unit

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME 8 HFD

13. DESTINATION TIME F C/D FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) OPLAN designator
- (2) Unit designator
- (3) Date-Time, report type
- (4) Serial designator
- (5) Pallet designator
- (6) Item designator

1. PLSS MESSAGE NO. L 559

2. REFERENCE & NO. (AFM 400-1) (TAC U-60) LOG A-29

3. TITLE Propulsion unit operating hour time and reconciliation report

4. PURPOSE Corrected engine status

5. FREQUENCY 1 PER quarter PER base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY mail ALTERNATE _____

8. NOMINAL SIZE 5000 CHARACTERS

9. SOURCE(S) All bases w/aircraft

10. DESTINATION(S) TAC, Prime AMA, AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOQ

13. DESTINATION TIME 5 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____

15. CONTENT: Substitute engine status cards

1. PLSS MESSAGE NO. L 560

2. REFERENCE & NO. (TAC U60) 1 LOG K276

3. TITLE Summary Card by TCTO Number

4. PURPOSE Per TO-00-20-10-4

5. FREQUENCY 1 PER W TIME air base UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 480 CHARACTERS

9. SOURCE(S) All bases

10. DESTINATION(S) AFCCP D/M, TAC

11. ALTERNATE SOURCE(S) AFCCP D/M, Tactical units, wings

12. ORIGINATION TIME As required

13. DESTINATION TIME 2 c/o FAOD

14. TYPE OF FORMAT: FIXED X SEMI-FIXED _____ FREE _____

15. CONTENT: Summary of TCTOs by MDS, A/C serial number at base level
(AFCCP will produce command summary for TAC)

1. PLSS MESSAGE NO. L 601

2. REFERENCE & NO. DSD

3. TITLE Supply Activity (M Rating) Report

4. PURPOSE Provide AFFOR w/M Ratings

5. FREQUENCY 1 PER Day PER Base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) Base supply

10. DESTINATION(S) AFCCP D/M, MAJCOM D/M

11. ALTERNATE SOURCE(S) Tactical unit, wing D/M

12. ORIGINATION TIME 2400 Z

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Variable

1. PLSS MESSAGE NO. L 602

2. REFERENCE & NO. (TAC U60) 1 LOG K97

3. TITLE Maintenance Data Detail Cards

4. PURPOSE Provide fixed format information on individual maintenance action -
This is a summary of cards.

5. FREQUENCY 1 PER Day PER Squadron
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 5,000 CHARACTERS

9. SOURCE(S) All units

10. DESTINATION(S) AFLC, INFO AFCCP DMM

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME 2400 D

13. DESTINATION TIME 1700 1 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____

15. CONTENT: Daily collection of PCAM Maintenance Data Detail Cards.

1. PLSS MESSAGE NO. L 603

2. REFERENCE & NO. DSD*

3. TITLE Aerial Port Operations Report

4. PURPOSE To summarize operations during past 24 hours

5. FREQUENCY 1 PER Day PER Aerial port
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) Air Terminal

10. DESTINATION(S) AFCCP D/M, TACC (AL)

11. ALTERNATE SOURCE(S) ALCE

12. ORIGINATION TIME 2400 Z

13. DESTINATION TIME 0300 Z

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Terminal identifier
- (2) Date-time
- (3) Period covered
- (4) A/C handled
- (5) Cargo Tonnage
 - In
 - Out
 - On hand
- (6) Passenger Traffic
 - In
 - Out

*op cit (MTR-539)

1. PLSS MESSAGE NO. L 604

2. REFERENCE & NO. DSD

3. TITLE Corrective Action Progress Report – Materiel

4. PURPOSE Provide data of progress or effectiveness of corrective actions in resolving materiel support problem

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY Voice/TTY ALTERNATE Text

8. NOMINAL SIZE 400 CHARACTERS

9. SOURCE(S) Materiel units at AFFOR bases

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2400 Z D

13. DESTINATION TIME 0800 F C/O

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: (1) Wing designator
(2) Date-time
(3) Problem
(4) Corrective action taken

1. PLSS MESSAGE NO. L 605
(TAC U60) 2-HAF-XDO-J1

2. REFERENCE & NO. _____

3. TITLE Cargo Channel Traffic Airlift Requirement

4. PURPOSE Provide data for planning

5. FREQUENCY 1 PER W PER airbase
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Mail, Text ALTERNATE TTY

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) Air base, aerial post sqdn, ALCE

10. DESTINATION(S) TAC, AFCCP DMT

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGATION TIME 1200 D

13. DESTINATION TIME 3 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: AF Form 960 – Includes 1 week forecast of requirements to move AF cargo by airlift.

1. PLSS MESSAGE NO. L 606

2. REFERENCE & NO. AFR 75-15/TAC SYP 1 (TAC U60) 1 HAF-XDD-J1

3. TITLE Passenger Channel Traffic Airlift Requirement

4. PURPOSE Provide data for planning

5. FREQUENCY 1 PER W PER airbase
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE _____ CHARACTERS

9. SOURCE(S) Air Base, Aerial Post Sqdn, ALCE

10. DESTINATION(S) TAC, AFCCP DMT

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME 1200 D

13. DESTINATION TIME 3 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: AF Form 394 - Includes 1 week requirement forecast to move AF personnel by airlift.

1. PLSS MESSAGE NO. L 607

2. REFERENCE & NO. (TAC U60) 5 HAF-S11 (TAC 1)

3. TITLE War Readiness Spare Kit (WRSK) Report

4. PURPOSE _____

5. FREQUENCY 1 PER W PER base
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,500 CHARACTERS

9. SOURCE(S) Chief of Supply, air base

10. DESTINATION(S) TAC, AFCCP DMS

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME 1200 Thur, W

13. DESTINATION TIME 12 Fri

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Unit designation
Date Time
MDS or system
List of shortages or consumption in WRSK

1. PLSS MESSAGE NO. L 608

2. REFERENCE & NO. (TAC U60) TAC S52

3. TITLE Report of Supportability of War Readiness Spares

4. PURPOSE _____

5. FREQUENCY 1 As required PER W PER unit
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) AFCCP DM

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME As required

13. DESTINATION TIME 1 C/O FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Unit designator
(2) Date-time, report type
(3) WRSK
Authorized
Possessed
(4) Remarks
(Free text)

1. PLSS MESSAGE NO. L 609

2. REFERENCE & NO. (TAC U60) HAF S104

3. TITLE Aviation fuel consumption

4. PURPOSE Data for planning

5. FREQUENCY 1 PER W PER base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) Air base

10. DESTINATION(S) TAC, MAAMA (AFLC), AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME EOM

13. DESTINATION TIME 3 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____

15. CONTENT: Fuel consumption by MDS per base.
(used for logistics forecasts in POL consumption)

1. PLSS MESSAGE NO. L 610

2. REFERENCE & NO. (TAC U60) I-LOG S 245

3. TITLE Estimated Requirements for Liquid and Gaseous Breathing Oxygen

4. PURPOSE _____

5. FREQUENCY 1 PER W PER air base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) Air base supply

10. DESTINATION(S) TAC, AFCCP D/MS

11. ALTERNATE SOURCE(S) Tactical wings

12. ORIGINATION TIME 1 Oct

13. DESTINATION TIME 1 Jun

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Air base designator
(2) Date-time report
(3) Period to be covered
(4) LOX required
(5) O₂ required
(6) Units supported
(7) Past month consumption
(8) Remarks

1. PLSS MESSAGE NO. L 611

2. REFERENCE & NO. (TAC U60) LOG K185

3. TITLE Request for Maintenance Assistance

4. PURPOSE _____

5. FREQUENCY 1 PER W PER SQDN
TIME UNIT

6. PRECEDENCE R/P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) All units

10. DESTINATION(S) AFCCP D/M

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME As reqd

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: MDS
Beginning and end date for assistance
AFSC
Skills
Special tools
Equipment
Number personnel required
Base/facility/location assistance required
(Used at AFCCP to provide assistance – local AFFOR solution – to
meet sortie commitment)

1. PLSS MESSAGE NO. L 612
2. REFERENCE & NO. DSD
3. TITLE Problem Report - Squadron
4. PURPOSE Provide data on problem in providing effective materiel support
5. FREQUENCY 1 PER Week PER Sqdn
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Voice/TTY ALTERNATE Text
8. NOMINAL SIZE 1,000 CHARACTERS
9. SOURCE(S) Tactical unit, squadron
10. DESTINATION(S) AFCCP D/M
11. ALTERNATE SOURCE(S) Tactical wing
12. ORIGINATION TIME As required
13. DESTINATION TIME 1 H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Data on problem requiring assistance by AFFOR D/M for resolution.

1. PLSS MESSAGE NO. L 613

2. REFERENCE & NO. (TAC U60) 1 LOG K-276

3. TITLE Summary Card by TCTO Number

4. PURPOSE Per TO-00-20-10-4

5. FREQUENCY 1 PER W PER air base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 480 CHARACTERS

9. SOURCE(S) All bases

10. DESTINATION(S) AFCCP D/M, TAC

11. ALTERNATE SOURCE(S) AFCCP D/M, Tactical units, wings

12. ORIGINATION TIME As required

13. DESTINATION TIME 1 c/o FAOT

14. TYPE OF FORMAT: FIXED X SEMI-FIXED FREE

15. CONTENT: Summary of TCTOs by MDS, A/C serial number at base level.
(AFCCP will produce command summary for TAC)

1. PLSS MESSAGE NO. L 614

2. REFERENCE & NO. (TAC U60) 1 LOG-S223

3. TITLE Monthly Inventory Transaction Report

4. PURPOSE _____

5. FREQUENCY 1 PER M PER air base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,000 CHARACTERS

9. SOURCE(S) Airbase supply officer

10. DESTINATION(S) TAC, AFCCP DMS

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME EOM

13. DESTINATION TIME 3 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Variable.

1. PLSS MESSAGE NO. L 615

2. REFERENCE & NO. (TAC U60) TAC S30

3. TITLE Controlled Mission Equipment Report

4. PURPOSE Report on TAC controlled mission equipment (non 780) such as special test benches,
shelters, etc.

5. FREQUENCY 1 PER M TIME PER unit UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1,500 CHARACTERS

9. SOURCE(S) Tactical unit

10. DESTINATION(S) TAC DMS, AFCCP DM

11. ALTERNATE SOURCE(S) Tactical wing

12. ORIGINATION TIME EOM

13. DESTINATION TIME 2 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Unit designator
(2) Date-time, report
(3) Equipment designator
(4) Authorized
(5) Possessed
(6) Condition
Operational
NORS
NORM
E DIFM

1. PLSS MESSAGE NO. L 616
2. REFERENCE & NO. (TAC U60) TAC K-18
3. TITLE Monthly Maintenance Data Analysis
4. PURPOSE _____
5. FREQUENCY 1 PER M PER wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE mail
8. NOMINAL SIZE 5000 CHARACTERS
9. SOURCE(S) Tactical wing
10. DESTINATION(S) TAC, AFCCP
11. ALTERNATE SOURCE(S) Tactical unit
12. ORIGINATION TIME EOM
13. DESTINATION TIME 2 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Maintenance capability problems, material failures and manpower requirements per AFM 66-1 (TAC SUP 1-1a)

1. PLSS MESSAGE NO. L 617
2. REFERENCE & NO. (TAC U60) 1 HAF K-23
3. TITLE Aircraft Maintenance and Personnel Related Data
4. PURPOSE Summary Report for planning purposes
5. FREQUENCY 1 PER M PER Sqdn
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 2,000 CHARACTERS
9. SOURCE(S) Wing D/M
10. DESTINATION(S) AFCCP-D/M, MAJCOM-D/M
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME EOM
13. DESTINATION TIME 4 C/D FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Correlations of aircraft maintenance performed by aircraft systems and MDS, with maintenance personnel totals, equipments and facilities utilized, by squadron.

1. PLSS MESSAGE NO. L 618

2. REFERENCE & NO. (TAC U60) 1-HAF-K20

3. TITLE Motor Vehicle Maintenance Manhour Summary

4. PURPOSE Motor Vehicle Maintenance Manhour Summary (as per AFR 77-11)

5. FREQUENCY 1 PER M PER air base
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Mail ALTERNATE Text (courier)

8. NOMINAL SIZE 5,000 CHARACTERS

9. SOURCE(S) Air base

10. DESTINATION(S) TAC, AFCCP DMT (EJ)

11. ALTERNATE SOURCE(S) Tactical unit, wing

12. ORIGINATION TIME EOM

13. DESTINATION TIME 4 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Air base designator
(2) Date-time
(3) Period covered
(4) Vehicle
Authorized
Possessed
In commission
Deadline
(5) Personnel
Authorized
Assigned
Available
In training
Qualified

SECTION 4
MESSAGES OUTGOING FROM THE
SFCCP MATERIEL STAFF

1. PLSS MESSAGE NO. L 151

2. REFERENCE & NO. TTSA 654B

3. TITLE Critical Item Report

4. PURPOSE Report Critical items of supply as directed by higher headquarters.

5. FREQUENCY -2 PER day PER wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Voice, Digital

8. NOMINAL SIZE 400 CHARACTERS

9. SOURCE(S) AFCCP - DM

10. DESTINATION(S) AFLC TAC MAJCOM

11. ALTERNATE SOURCE(S) _____

12. ORIGATION TIME 1200L, 2400L D

13. DESTINATION TIME 2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ X _____ FREE _____

15. CONTENT:

- (1) Federal stock number
- (2) Weapon system
- (3) Unit of issue
- (4) Expendability
- (5) Routing identifier
- (6) Nomenclature
- (7) Unit price
- (8) Authorized level
- (9) Number serviceable and on-hand
- (10) Number unserviceable and on-hand
- (11) War reserve material (WRM) level
- (12) WRM on hand
- (13) Total due in
- (14) Total due out
- (15) Total number received
- (16) Total number not repairable this station (NRTS)
- (17) Total number condemned
- (18) Total number due in for maintenance (DIFM)

*Information items based on 10 supply items per report.

1. PLSS MESSAGE NO. L 152
2. REFERENCE & NO. TAC K-29
3. TITLE AFFOR Summary Maintenance Status Report
4. PURPOSE Summarize materiel performance and maintenance production as schedules.
5. FREQUENCY I PER D PER AFFOR
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 2400 CHARACTERS
9. SOURCE(S) AFCCP D/MR
10. DESTINATION(S) TAC MAJCOM AFLC
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 100Z D
13. DESTINATION TIME 1 HR FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:

Summaries of separate subordinate materiel elements reports of schedule performance and accomplishments.

1. PLSS MESSAGE NO. L 153
2. REFERENCE & NO. (TAC U-60) 3 LOG K77
3. TITLE Repair Status Report
4. PURPOSE Repair status of a specific item or equipment.
5. FREQUENCY 1 PER D PER Wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 200 CHARACTERS
9. SOURCE(S) All units W/AC authorized for repairs, AFCCP-DM(EJ)
10. DESTINATION(S) TAC, Appropriate LSM (AFLC)
11. ALTERNATE SOURCE(S) Tactical units, wings
12. ORIGINATION TIME As required
13. DESTINATION TIME 1H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:

Data re current status of repair action.

1. PLSS MESSAGE NO. L 154
2. REFERENCE & NO. DSO - TAC A29A
3. TITLE Aircraft Battle Damage & Crash Weekly Summary
4. PURPOSE Provide higher command with weekly loss, damage summary.
5. FREQUENCY 1 PER W PER AFFOR
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFCCP DMR
10. DESTINATION(S) TAC, MAJCOM
11. ALTERNATE SOURCE(S) AFCCP D/O Tactical Air Operation
12. ORIGINATION TIME 2400 Wed
13. DESTINATION TIME 6H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT:

AFFOR Summary of TAC A 29-1.

1. PLSS MESSAGE NO. L 155
2. REFERENCE & NO. DSD
3. TITLE Consolidated Materiel Status Reports - AFFOR
4. PURPOSE Summarize materiel performance and maintenance production vs schedules.
5. FREQUENCY 1 PER Week PER AFFOR
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 3200 CHARACTERS
9. SOURCE(S) AFCCP D/M
10. DESTINATION(S) AFCCP Staffs, MAJCOM D/M, AFLC
11. ALTERNATE SOURCE(S) Lower echelon D/M
12. ORIGINATION TIME 1800 Fri W
13. DESTINATION TIME 0800 Sat
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Summaries of separate subordinate materiel elements reports of scheduled performance and accomplishments.

1. PLSS MESSAGE NO. L 156

2. REFERENCE & NO. DSD

3. TITLE Consolidated Materiel Status Reports - AFFOR

4. PURPOSE Summarize materiel support status, e.g., Supply, Munitions, Services,
AGE, Maintenance

5. FREQUENCY 1 PER Week PER AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 3200 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) AFCCP Staffs, MAJCOM D/M, AFLC

11. ALTERNATE SOURCE(S) Lower echelon D/M

12. ORIGATION TIME 2400 Z Fri

13. DESTINATION TIME 6 H FAOT

14. TYPE OF FORMAT: FIXED SEMI-FIXED X FREE

15. CONTENT: Summary of separate subordinate unit daily reports of materiel status.

1. PLSS MESSAGE NO. L 157
2. REFERENCE & NO. (TAC U60) 1 LOG K 276
3. TITLE Summary Card by TCTO Number
4. PURPOSE Per T0-00-20-10-4
5. FREQUENCY 1 PER W PER AFFOR
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1500 CHARACTERS
9. SOURCE(S) AFCCP D/MR
10. DESTINATION(S) TAC, MAJCOM
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 2400Z W
13. DESTINATION TIME 140 FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Summary of TCTOs by MDS, No serial number at AFFOR summary level.

1. PLSS MESSAGE NO. L-158

2. REFERENCE & NO. (TAC U 60) LOG K-77

3. TITLE Disposal Status Report

4. PURPOSE Materiel management planning

5. FREQUENCY 1 PER W PER AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1200 CHARACTERS

9. SOURCE(S) All units w/damaged A/C, AFCCP DM

10. DESTINATION(S) TAC, Appropriate LSM (AFLC),

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2400 Fri W

13. DESTINATION TIME 140 FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: TMS (MDS)
Serial Number
Actual status of disposal action

1. PLSS MESSAGE NO. L 159

2. REFERENCE & NO. TAC K-18 DSO

3. TITLE Monthly Maintenance Data Analysis - AFFOR

4. PURPOSE Disseminate Title Report to higher command and AFFOR wings, units

5. FREQUENCY 1 PER Month PER AFFOR
TIME UNIT

6. PRECEDENCE Routine

7. MEDIUM: PRIMARY Mail ALTERNATE _____

8. NOMINAL SIZE 10000K CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) TAC, AFCCP Wings

11. ALTERNATE SOURCE(S) _____

12. ORIGATION TIME EOM

13. DESTINATION TIME 2 C/D FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: AFM66-1 (TAC Sup 1-1a)
Comparative analysis of maintenance activities of AFFOR wings, units.

1. PLSS MESSAGE NO. L 160

2. REFERENCE & NO. DSD

3. TITLE AFFOR Monthly NORS & AGE Rates

4. PURPOSE Summary of AFFOR NORS (AC & AGE) for higher command.

5. FREQUENCY 1 PER M PER AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 2000 CHARACTERS

9. SOURCE(S) AFCCP D/MM

10. DESTINATION(S) MAJCOM, TAC

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 3 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Report number
- (2) Date-Time
- (3) Period Covered
- (4) NORS Rates
 - Unit
 - MDS
 - A/C NORS
 - AGE NORS
 - Unit

1. PLSS MESSAGE NO. L 159

2. REFERENCE & NO. TAC K-18 DSO

3. TITLE Monthly Maintenance Data Analysis - AFFOR

4. PURPOSE Disseminate Title Report to higher command and AFFOR wings, units

5. FREQUENCY 1 PER Month PER AFFOR
TIME UNIT

6. PRECEDENCE Routine

7. MEDIUM: PRIMARY Mail ALTERNATE _____

8. NOMINAL SIZE 10000K CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) TAC, AFCCP Wings

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 2 C/D FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: AFM66-1 (TAC Sup 1-1a)
Comparative analysis of maintenance activities of AFFOR wings, units.

1. PLSS MESSAGE NO. L 160

2. REFERENCE & NO. DSD

3. TITLE AFFOR Monthly NORS & AGE Rates

4. PURPOSE Summary of AFFOR NORS (AC & AGE) for higher command.

5. FREQUENCY 1 PER M PER AFFOR
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 2000 CHARACTERS

9. SOURCE(S) AFCCP D/MM

10. DESTINATION(S) MAJCOM, TAC

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME EOM

13. DESTINATION TIME 3 W/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Report number
- (2) Date-Time
- (3) Period Covered
- (4) NORS Rates
 - Unit
 - MDS
 - A/C NORS
 - AGE NORS
 - Unit

1. PLSS MESSAGE NO. L 251
2. REFERENCE & NO. DSD
3. TITLE Materiel/Logistics Situation Annex to SITREP
4. PURPOSE _____
5. FREQUENCY 1 PER D PER AFFOR
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Text ALTERNATE Text
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) AFCCP D/M, Staff
10. DESTINATION(S) AFFOR Commander, D/O staff
11. ALTERNATE SOURCE(S) _____
12. ORIGATION TIME 2400Z D
13. DESTINATION TIME 1/2H FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:
- (1) Assessment of materiel/logistics situation
 - (2) Narrative notes complementing report
 - (3) Materiel data not easily separated from operational matter
 - (4) Significant events which could result in public reaction
 - (5) Active hostilities information (if applicable) under war or combat conditions:
 - a. Part I. Materiel Summary
 - b. Part II. Log Plans Summary
 - (6) If DEFCON 3 or less, include the following items, if appropriate:
 - a. Deployment/proposed deployment due to current situation
 - b. Deficiencies affecting support for planned operations.
 - c. Significant supplementary actions being taken or proposed
 - d. Support actions which may be required MAJCOM, TAC or AFLC

1. PLSS MESSAGE NO. L 351

2. REFERENCE & NO. DSD

3. TITLE Limiting Factors and Trend Report

4. PURPOSE Provide guidance for planning

5. FREQUENCY 1-2 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Voice/ Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP D/M Log Plans

10. DESTINATION(S) AFCCP - War Plans - Current Plans

11. ALTERNATE SOURCE(S) Lower Echelon D/M

12. ORIGATION TIME 2400Z D

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Guidance data reflecting limiting factors/trends in materiel support capability for particular operations of the AFFOR.

1. PLSS MESSAGE NO. L 354
2. REFERENCE & NO. DSD
3. TITLE Passenger and Cargo Channel Airlift Forecast
4. PURPOSE Provide operations with materiel operational airlift requirement forecast
5. FREQUENCY 1 PER W PER AFFOR
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE Text
8. NOMINAL SIZE 1500 CHARACTERS
9. SOURCE(S) AFCCP
10. DESTINATION(S) AFCCP D/O Plans, (AL), ALCC
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME 1200 Sat W
13. DESTINATION TIME 1H FOAT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE _____
15. CONTENT:

Summary report of AFFOR materiel channel airlift requirements.
Summary of AF Forms 960, 394.

1. PLSS MESSAGE NO. L 355

2. REFERENCE & NO. DSD

3. TITLE Site Survey Report

4. PURPOSE Provide details of log support requirements for a candidate AFFOR operating base

5. FREQUENCY 1 PER W PER AFFOR
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY DIGITAL ALTERNATE Text

8. NOMINAL SIZE 1000 CHARACTERS

9. SOURCE(S) AFCCO D/M Log Plans

10. DESTINATION(S) AFCCP - War Plans - Current Plans (TACC)

11. ALTERNATE SOURCE(S) Lower Echelon D/M

12. ORIGINATION TIME As required

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Facility and resource requirements for candidate AFFOR base to sustain requested employments.

1. PLSS MESSAGE NO. L 356
2. REFERENCE & NO. TTSA 046
3. TITLE Changes in Plans and Procedures
4. PURPOSE Desire changes in plans and procedures to be made or being published.
5. FREQUENCY 1 PER W PER AFFOR 6
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY Digital ALTERNATE Text
8. NOMINAL SIZE 600 CHARACTERS
9. SOURCE(S) AFCCP D/M
10. DESTINATION(S) AFCCP D/O
11. ALTERNATE SOURCE(S) _____
12. ORIGINATION TIME As required
13. DESTINATION TIME 1H FAOT
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT:

Description changes with identifying paragraphs or items to be deleted and new paragraphs or items to be substituted in plans or procedure.

1. PLSS MESSAGE NO. L 357

2. REFERENCE & NO. DSD

3. TITLE Log Annex (for planning purposes)

4. PURPOSE Provide detailed resource requirements for Ops Plan under consideration.

5. FREQUENCY 1 hr PER Week PER AFCCP
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY DIGITAL ALTERNATE Text

8. NOMINAL SIZE 3000 CHARACTERS

9. SOURCE(S) AFCCP D/MLP

10. DESTINATION(S) AFCCP - War Plans - Current Plans

11. ALTERNATE SOURCE(S) MAJCOM D/M - LRC

12. ORIGINATION TIME 2400Z Fri.

13. DESTINATION TIME 1 C/D FAOD

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:
Detailed listings of Log Support requirements for new/changed Ops Plan under consideration.

1. PLSS MESSAGE NO. L 358

2. REFERENCE & NO. TTSA 047

3. TITLE Approval of Operations Plan

4. PURPOSE Indicate approval of proposed operations plan

5. FREQUENCY 1 PER Plan PER AFFOR
TIME UNIT

6. PRECEDENCE 6

7. MEDIUM: PRIMARY Text ALTERNATE Voice

8. NOMINAL SIZE 50 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) Plans - AFCCP D/O

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1800 Fri

13. DESTINATION TIME 1/2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT:

(1) Approval Statement

(2) Remarks

1. PLSS MESSAGE NO. L-359

2. REFERENCE & NO. DSD

3. TITLE Airlift Request

4. PURPOSE Materiel support requirements

5. FREQUENCY 2 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP D/M (LRC)

10. DESTINATION(S) TACC (AL)

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 2400Z, 1200Z D

13. DESTINATION TIME 1/2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Request for particular airlift support requirements.

1. PLSS MESSAGE NO. L 360

2. REFERENCE & NO. DSD

3. TITLE Immediate Aircraft Availabilities - AFFOR

4. PURPOSE Provide data for Current Operations adjustments.

5. FREQUENCY 3 PER Day PER Sqdn
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP D/M Log Plans - LRC

10. DESTINATION(S) TACC Current Operations

11. ALTERNATE SOURCE(S) Squadron D / Maintenance

12. ORIGINATION TIME 2400L, 0600L, 1200L

13. DESTINATION TIME 10 Mm. FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Aircraft immediately available for mission assignments, including pertinent detail data.

1. PLSS MESSAGE NO. L 361

2. REFERENCE & NO. DSD

3. TITLE Next Day Aircraft Availabilities - AFFOP

4. PURPOSE Provide data for Current Plans Fragging

5. FREQUENCY 3 PER Day PER Flight
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE Min. 100 Ave. 500 Max. 1,000 CHARACTERS

9. SOURCE(S) AFCCP D/M Log Plans

10. DESTINATION(S) TACC Current Plans

11. ALTERNATE SOURCE(S) Squadron D / Maintenance

12. ORIGINATION TIME 1200L, 1800L, 2400D

13. DESTINATION TIME 10 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Aircraft available for next day fragging, including no. and type of aircraft (M/D/S), units, locations, configurations, ordnance, crews, miscellaneous comments.

1. PLSS MESSAGE NO. L 362

2. REFERENCE & NO. DSD

3. TITLE AFFOR Airbase Status

4. PURPOSE Provide data for planning and committing missions.

5. FREQUENCY 1-2 PER Day PER Airbase
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) AFCCP D/M Log Plans

10. DESTINATION(S) TACC Current Plans, Current Operations

11. ALTERNATE SOURCE(S) TUOCS

12. ORIGINATION TIME 1200L, 2400L

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Runway status and facility constraints, based on subordinate element reports to D/M.

1. PLSS MESSAGE NO. L 363

2. REFERENCE & NO. TTSA 419 B

3. TITLE Petroleum Damage/Deficiency Report (REPOL)

4. PURPOSE Provide summary information on the damage and deficiencies affecting
bulk petroleum supplies, storage, and distribution systems.

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY, Text

8. NOMINAL SIZE 1500 CHARACTERS

9. SOURCE(S) AFCCP - DM

10. DESTINATION(S) TACC, JF, DCS, AFCCP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME See note

13. DESTINATION TIME 10 Min FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ X FREE _____

15. CONTENT: **SUMMARY REPORT BY AFCCP DM**

A. Facility damage

1. Facility identification
2. General description and significance of damage
3. Estimated residual storage and distribution facilities
4. Estimated date for repairs completed and facilities operational
5. Changes in damage and deficiencies previously reported

B. Deficiencies

1. Estimate of remaining usable product
2. Quantity and time in which resupply is required, including information on tanker type that can be accommodated, command or geographical area affected by storage, and alternate port of discharge for tanker, if required.

C. Remarks.

NOTE: Submitted daily as of 2400 (Z) prior to general war declaration, or ASAP after attack/disaster.

1. PLSS MESSAGE NO. L 364

2. REFERENCE & NO. TTSA 418 B

3. TITLE Installation Damage Report (INREP)

4. PURPOSE Provide essential information on the extent of damage to USAF installations
following an attack, major accident, or natural disaster.

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P, J

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 2000 CHARACTERS

9. SOURCE(S) AFCCP-DM

10. DESTINATION(S) CRC/CRP, DASC, CSG, TACC, DCS, JF, ARFOR

11. ALTERNATE SOURCE(S) _____

12. ORIGATION TIME Within 1H of incident

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: SUMMARY REPORT BY AFCCP/DM

- (1) Name of installation
- (2) Time and approximate location of impact
- (3) Extent of damage; i.e., list of structures/facilities destroyed/percent damaged, overall percent destroyed/damaged.
- (4) Operational factors including runway, taxiway, ramp conditions, NAVAIDS usable, servicing and support equipment available, and status of war readiness materials storage (if any)
- (5) Types of communication available and operational
- (6) Support factors including housing and messing capacity, extent of damage to transportation, and status of medical facilities
- (7) Remarks, including restoration progress, current and planned.

1. PLSS MESSAGE NO. L 365

2. REFERENCE & NO. DSD

3. TITLE Materiel Support Reply

4. PURPOSE Response to request for particular materiel support requirement of
immediate nature

5. FREQUENCY 1 PER D PER Mission
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Voice ALTERNATE Digital, Text

8. NOMINAL SIZE 100 Ave. 200 Max. 300 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) TACC Current Plans, Current Operations

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As Required

13. DESTINATION TIME ½H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Availability of particular capability.

1. PLSS MESSAGE NO. L 366

2. REFERENCE & NO. TTSA 449

3. TITLE Logistics Status Report (LOGSTAT)

4. PURPOSE Provide information on significant logistics matters that could affect

5. FREQUENCY 1 PER day PER TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 1200 CHARACTERS

9. SOURCE(S) DM - AFCCP

10. DESTINATION(S) Status Reports - TACC, JF, Weapons Plans - TACC

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1900 Z

13. DESTINATION TIME 2300 Z

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: Formatted by line number as indicated:

- (1) Reporting command
- (2) Report number (number consecutively)
- (3) As of date, time, and group (Z)
- (4) through (17) Supplies on hand versus authorized
- (18) and (19) Supplies and services procured through local purchase
- (20) through (22) Equipment density of major items by type, number authorized, number on hand, and number operational
- (23) through (26) Seaport/beach operations by location (cite map reference and coordinates)
- (27) through (30) Aerial port operations by location (cite map reference and coordinates)
- (31) through (34) Logistic base operations by location (cite map reference and coordinates)
- (35) and (36) Supplies required by and furnished to (designate)
- (37) through (42) Services required and furnished to (designate)

1. PLSS MESSAGE NO. L 367

2. REFERENCE & NO. DSD

3. TITLE Weapon System & AGE Maintenance Analysis

4. PURPOSE Provide Guidance for Planning

5. FREQUENCY 1 PER W PER Wing
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 2000 CHARACTERS

9. SOURCE(S) AFCCP D/M Staff

10. DESTINATION(S) Tactical Air Operations, AFCCP D/O

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1800 Fri W

13. DESTINATION TIME 0800 Sat

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Variable

1. PLSS MESSAGE NO. L 368
2. REFERENCE & NO. TTSA 654
3. TITLE Critical Items Report
4. PURPOSE Periodic report of items of materiel support capability critical to AFFOR
operations
5. FREQUENCY 1 PER Day PER AFCCP
TIME UNIT
6. PRECEDENCE P
7. MEDIUM: PRIMARY Digital ALTERNATE Text
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) AFCCP D/M Log Plans - LRC
10. DESTINATION(S) AFCCP Staffs
11. ALTERNATE SOURCE(S) Lower echelon D/M
12. ORIGINATION TIME 2400
13. DESTINATION TIME 0600
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____
15. CONTENT: Current items for daily reporting of status.

1. PLSS MESSAGE NO. L 369

2. REFERENCE & NO. DSD

3. TITLE Maintenance Priority List

4. PURPOSE Provide data of current maintenance priorities and programs.

5. FREQUENCY 1 PER D PER AFCCP
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY TTY ALTERNATE Text

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) AFCCP D/M LRC

10. DESTINATION(S) AFCCP Staffs

11. ALTERNATE SOURCE(S) Lower echelon D/M

12. ORIGINATION TIME 2400

13. DESTINATION TIME 0800

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Data on current priority of various maintenance work requirements
(aircraft, systems, equipment).

1. PLSS MESSAGE NO. L 370
2. REFERENCE & NO. DSD
3. TITLE Command Policies & Directives - Materiel
4. PURPOSE Promulgate Command Policy and Directives for subordinate materiel elements
5. FREQUENCY 1 PER D PER Wing
TIME UNIT
6. PRECEDENCE R
7. MEDIUM: PRIMARY TEXT, MAIL ALTERNATE TTY
8. NOMINAL SIZE 1600 CHARACTERS
9. SOURCE(S) AFCCP D/M
10. DESTINATION(S) AFCCP Staffs, Subordinate Materiel Elements
11. ALTERNATE SOURCE(S) MAJCOM D/M, AFLC
12. ORIGINATION TIME A R
13. DESTINATION TIME _____
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Details of procedures, policies, guidelines for accomplishment of materiel support. Includes reporting requirements, records, data processing, and administrative practices.

L 451

DELETED FROM PLSS
MESSAGE LIST

1. PLSS MESSAGE NO. L 452

2. REFERENCE & NO. DSD

3. TITLE TACS Status

4. PURPOSE Provide information on system outages/deficiencies.

5. FREQUENCY 1 PER D PER outage
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Test

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) AFCCP Staffs

11. ALTERNATE SOURCE(S) TCG

12. ORIGINATION TIME As reqd.

13. DESTINATION TIME ½H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Details of TACS service outage/deficiency and estimated time of return to service/recovery, based on TCG report to D/M.

1. PLSS MESSAGE NO. L 453

2. REFERENCE & NO. DSD

3. TITLE TACS Recovery

4. PURPOSE Provide notice of TACS recovery/return to normal service

5. FREQUENCY 1 PER D PER Recovery
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) AFCCP Staffs

11. ALTERNATE SOURCE(S) TCG

12. ORIGINATION TIME On occurrence

13. DESTINATION TIME 1 H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Restoration of full operational capability, based on TCG report to D/M.

1. PLSS MESSAGE NO. L 454

2. REFERENCE & NO. 7TSA 66Z

3. TITLE Staff Overhead Traffic

4. PURPOSE To effect coordination and execution of staff responsibilities not related to
specific missions.

5. FREQUENCY 4 PER D PER Wing
TIME UNIT

6. PRECEDENCE R

7. MEDIUM: PRIMARY Voice ALTERNATE TTY, Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP DM

10. DESTINATION(S) AFCCP Staffs, MAJCOM-DM, AFLC/AMA

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As reqd.

13. DESTINATION TIME 10 min FADT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Miscellaneous and highly variable

1. PLSS MESSAGE NO. L 455

2. REFERENCE & NO. DSD

3. TITLE Staff Coordination

4. PURPOSE Coordination of miscellaneous materiel support matters

5. FREQUENCY 10 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY Voice ALTERNATE TTY, Text

8. NOMINAL SIZE 500 CHARACTERS

9. SOURCE(S) AFCCP D/M Staffs

10. DESTINATION(S) AFCCP Staffs, Lower echelon materiel units, AFLC/AMA, MAJCOM D/M.

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As required

13. DESTINATION TIME N/R

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Coordination as required of miscellaneous materiel support matters.

1. PLSS MESSAGE NO. L 456

2. REFERENCE & NO. DSD

3. TITLE Special Materiel Support Capabilities Report

4. PURPOSE Response to Requests for Alternate or Reserve Materiel Support inquiries

5. FREQUENCY 2 PER Day PER AFCCP
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Voice/ Text

8. NOMINAL SIZE 300 CHARACTERS

9. SOURCE(S) AFCCP D/M Log Plans

10. DESTINATION(S) AFCCP Staffs

11. ALTERNATE SOURCE(S) Lower Echelon D/M

12. ORIGINATION TIME 1200L, 2400L

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Specific materiel support capabilities in response to requests.

1. PLSS MESSAGE NO. L 651

2. REFERENCE & NO. TTSA 656

3. TITLE Pertinent Critical Item Reporting Requirements

4. PURPOSE State requirements for pertinent critical item reporting

5. FREQUENCY 2 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY TTY ALTERNATE Text

8. NOMINAL SIZE 200 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) CRC, CRP, ALCC, AP, DASC, FACP, ASPT, AEO, TALO, CCT, TACP

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1200L, 2400L D

13. DESTINATION TIME 1H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT:

- (1) Federal Stock Number
- (2) Weapon System
- (3) Expendability
- (4) Routing Identifier
- (5) Nomenclature

1. PLSS MESSAGE NO. L 652

2. REFERENCE & NO. TTSA 660

3. TITLE Selected Item Reporting Requirement

4. PURPOSE Notify subordinate units of modifications or additions to the list of items
which are critical to current or planned operations.

5. FREQUENCY 2 PER D PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE TTY

8. NOMINAL SIZE 100 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) CRC, CRP, FACP, ASRT, TACP, AEO, CCT, TALO (see Note)

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1200L, 2400L

13. DESTINATION TIME ½H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED X FREE _____

15. CONTENT: (1) Serial Number of item
(2) Item name
(3) Remarks

Note: TAB Tenants, DASC, ALCC

* Ten items per message assumed for information items. Selected items, such terms used in the theatre, are equivalent to critical items in the United States; an item may or may not be on both lists.

1. PLSS MESSAGE NO. L 653

2. REFERENCE & NO. DSD

3. TITLE Corrective Action Directive

4. PURPOSE Provide direction for resolution of subordinate materiel element problem
in providing effective support

5. FREQUENCY 1 PER Day PER Wing
TIME UNIT

6. PRECEDENCE P/R

7. MEDIUM: PRIMARY Digital/TTY ALTERNATE Text

8. NOMINAL SIZE 1000 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) Subordinate units affected, MAJCOM D/M, or AFLC/AM as affected.

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME As reqd

13. DESTINATION TIME ½H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Direction for resolution of problem(s) by affected materiel units, including
arrangements with MAJCOM D/M and/or AFLC/AMA as necessary.

1. PLSS MESSAGE NO. L 654

2. REFERENCE & NO. TTSA 511

3. TITLE Miscellaneous Traffic

4. PURPOSE To convey communications related to everyday routine activities

5. FREQUENCY 10 PER D PER Wing
TIME UNIT

6. PRECEDENCE R, P

7. MEDIUM: PRIMARY Voice ALTERNATE TTY, Text

8. NOMINAL SIZE 600 CHARACTERS

9. SOURCE(S) AFCCP D/M

10. DESTINATION(S) RITS, JF Units, AFCCP, CRC, DASC, ERU, RTSq, PPIF (see Note 1)

11. ALTERNATE SOURCE(S) RITS, JF Units, AFCCP, CRC, DASC, ERU, RTSq, PPIF (see Note 2)

12. ORIGINATION TIME AR

13. DESTINATION TIME N/R

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Discussion of subject matter pertaining to existing activities.

- Notes:
1. DCS, ALCC, TUOC, ARFOR, NAVFOR, MARFOR, AFFOR D/M (EJ)
 2. DCS, ALCC, TUOC, ARFOR, NAVFOR, MARFOR

1. PLSS MESSAGE NO. L 655

2. REFERENCE & NO. DSO

3. TITLE TACS Maintenance Schedule

4. PURPOSE Allocation of materiel support resources

5. FREQUENCY 1 PER D PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 2400 CHARACTERS

9. SOURCE(S) AFCCP - D/M C-E Staff

10. DESTINATION(S) Tactical Units

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1800L Fri

13. DESTINATION TIME 2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Personnel and resource allocations for tasks, including unscheduled requirements.

1. PLSS MESSAGE NO. L 656

2. REFERENCE & NO. DSD

3. TITLE AFCS Maintenance Schedule

4. PURPOSE Allocation of materiel support resources

5. FREQUENCY 1 PER Week PER Wing
TIME UNIT

6. PRECEDENCE P

7. MEDIUM: PRIMARY Digital ALTERNATE Text

8. NOMINAL SIZE 1500 CHARACTERS

9. SOURCE(S) AFCCP - D/M, C-E Staff

10. DESTINATION(S) Tactical Units

11. ALTERNATE SOURCE(S) _____

12. ORIGINATION TIME 1800 (Z) Fri

13. DESTINATION TIME 2H FAOT

14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X

15. CONTENT: Personnel and resource allocations for tasks, including unscheduled requirements.

1. PLSS MESSAGE NO. L 658
2. REFERENCE & NO. DSD
3. TITLE Materiel Planning Guides
4. PURPOSE Provide data for planning and scheduling replenishment and recovery actions
5. FREQUENCY 2 PER Week PER AFFOR
TIME UNIT
6. PRECEDENCE P/R
7. MEDIUM: PRIMARY Digital ALTERNATE TTY
8. NOMINAL SIZE 1000 CHARACTERS
9. SOURCE(S) AFCCP D/M
10. DESTINATION(S) Subordinate materiel elements (AFFOR)
11. ALTERNATE SOURCE(S) MAJCOM D/M, AFLC
12. ORIGINATION TIME As required
13. DESTINATION TIME 140 FAOD
14. TYPE OF FORMAT: FIXED _____ SEMI-FIXED _____ FREE X
15. CONTENT: Details on lead times, sources, constraints related to resupply and recovery of materiel support capability through MAJCOM, AFLC/AMAs, and other resources.

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13. ABSTRACT The purpose of this report is to document the results of an analysis and definition of the Personnel and Logistics Subsystem (PLSS) data base and data interface specifications for supporting a deployed AFFOR component. Data base files required by both the personnel and logistics subsystems are defined, and sized. The message traffic and catalog development has been defined to directly support both the PLSS data bases as well as the data bases of the interfacing Continental United States (CONUS) and deployed tactical Air Force and Joint Force units. The data base and data interface specifications and supporting analysis data will provide the baseline required to achieve the objectives of this study contract. This study included only the data base and data interface requirements generated based on a limited war combat model. PLSS requirements were derived from a situation which included combat and combat support activities and events once the AFFOR elements were deployed and operational. Those deployed force configurations and levels so defined in the first report with the appropriate scenario descriptions are included in Section 2 of this report.			

14.

KEY WORDS

LINK A

LINK B

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Personnel and Logistics Subsystems (PLSS)